



Karin Bhandari

Date of birth: 21/07/1996 | **Nationality:** Nepalese | **Phone number:**

(+977) 9767858108 (Mobile) | **Email address:** iamkarin.tech@gmail.com | **Website:**

<https://www.karinbhandari.com.np> | **LinkedIn:** <https://www.linkedin.com/in/karin-b-68154a1a2> |

Github: <https://github.com/karinbhandari007> |

Address: Narephat, Koteshowr, 44600, Kathmandu, Nepal (Secondary Address)

ABOUT ME

With 7 years of experience, I specialize in building modern, scalable applications across frontend, backend, and mobile platforms. My expertise includes:

Frontend Development: HTML, CSS, JavaScript, ReactJS, Next.js, Python

Backend Development: Node.js, NestJS, FastAPI

Mobile App Development: React Native (cross-platform for iOS and Android)

I have hands-on experience with databases like MySQL, PostgreSQL, and MongoDB, and I emphasize testing and quality assurance using tools such as Cypress, Jest, and React Testing Library.

Proficient in cloud computing, I have worked extensively with AWS (EC2, Elastic Beanstalk, S3, Route 53, Serverless, AWS OpenSearch) and Firebase services.

Additionally, I have experience with the Microsoft Power Platform Ecosystem and am currently enhancing my skills in Generative AI (Langchain, RAG, AI Agents).

SKILL HIGHLIGHTS

Following are my skill highlights

- Expertise in ReactJS/Redux:** Proficient in building user interfaces with strong knowledge of state store, middleware, action creators, reducers, and containers.
- Next.js:** Extensive experience in developing **SEO-friendly** and **server-side rendering** web applications using Next.js.
- Backend Development:** Extensive experience in developing **RESTful web services** with **ExpressJS**, **NodeJS**, and **NestJS**.
- Mobile Development:** Strong knowledge of cross-platform mobile app development using **React Native**.
- Microsoft Power Platform:** Experience with the **Microsoft Power Platform Ecosystem**, including **Model-Driven Apps**, **Canvas Apps**, **PCF**, **Plugins**, and more.
- Database Management:** Strong knowledge of both **SQL** and **NoSQL** databases. Proficient in **MongoDB** (with Mongoose plugin and Mongo Client) and **PostgreSQL**, and experienced in writing SQL queries and using **TypeORM**.
- Frontend Development:** Expertise in using **Grid/Flex Controls**, **JavaScript**, and **DOM manipulations**. Worked with **CSS preprocessors** like **LESS/SASS** to improve maintainability of CSS.
- GraphQL:** Good knowledge of working with **GraphQL APIs** on the frontend and extensive experience with UI libraries like **Material-UI**, **React Bootstrap**, and **Ant Design**.
- Testing:** Proficient in using **Jest**, **React Testing Library**, and **Cypress** for unit and end-to-end testing of frontend code.
- AWS:** Hands-on experience with **AWS services** such as **EC2**, **S3**, **Lambda functions**, **Route 53**, etc.
- Version Control:** Experienced in working with **Git** for version control and collaboration.
- Agile Methodology:** Experienced with **Agile Scrum methodology**, highly involved in daily scrum meetings, sprint reviews, and sprint release planning.
- Generative AI (GenAI):** Gaining expertise in Langchain, RAG, and AI Agents to build intelligent, data-driven solutions.

WORK EXPERIENCE

 **VEELAPP INC** – LALITPUR, NEPAL

PRINCIPAL ENGINEER – 15/03/2025 – CURRENT

- **Frontend & Product Development:** Led the development of core features for the VEEL platform using **ReactJS, Next.js, and TypeScript**, ensuring high performance, scalability, and a seamless creator experience.
- **Architecture & System Design:** Designed and implemented a scalable frontend architecture, introducing **modular component structures, reusable UI libraries, and performance optimizations** tailored for high-traffic creator workflows.
- **Cross-Functional Collaboration:** Worked closely with **design, backend, and product teams** to translate complex creator monetization workflows into intuitive interfaces.
- **Feature Ownership:** Led the end-to-end development of critical features, including the **Video Library Module (Collab Videos – All Campaigns)**, integrating analytics, moderation tools, and submission workflows.
- **Mentorship & Leadership:** Provided guidance to junior engineers, conducted **code reviews, pair programming sessions**, and fostered best practices in frontend development and UI/UX implementation.
- **CI/CD & DevOps Integration:** Collaborated with DevOps to integrate **automated testing, CI/CD pipelines, and performance monitoring** into the development lifecycle.
- **Product Thinking & Iteration:** Contributed to **roadmapping and design thinking workshops**, ensuring product features aligned with creator pain points and business goals.
- **Tech Stack & Tools:** React.js, Next.js, TypeScript, TailwindCSS, AWS (S3, CloudFront), Node.js (for frontend integrations), and CI/CD pipelines with GitHub Actions.

LEAPFROG TECHNOLOGIES – KATHMANDU, NEPAL

SENIOR SOFTWARE ENGINEER (TEAM LEAD) – 16/10/2023 – 31/01/2025

- **Company Website Revamp & Signetic:** Contributed to the revamp of the company website and worked on **Signetic**.
- **Frontend Development:** Utilized **ReactJS, JavaScript, and TypeScript** to build interactive user interfaces, implementing the latest **ES6** features.
- **Backend Development:** Worked with **NestJS, Amazon Web Services (AWS), and Strapi** to build scalable backend systems.
- **Mentorship & Training:** Actively mentored junior developers and served as an **internship trainer**, providing guidance on technical skills and career development.
- Led the **end-to-end development** of the **DME (Durable Medical Equipment)** application, including **design, architecture**, and feature implementation.
- Built and optimized **PowerPlatform solutions**, including **Model-Driven Apps** and **Canvas Apps**, ensuring high performance and scalability.
- Led the architecture development of the application, including the setup of a **monorepo** and ensuring compatibility for **Standalone deployment** and **PCF (Pivotal Cloud Foundry)** components.
- Collaborated with **cross-functional teams** to define the roadmap for junior team members, offering mentorship and guidance on best practices and career development.
- Directed the **grooming** of user stories and **backlog management**, ensuring adherence to **agile methodologies** and on-time delivery of features.
- Contributed to maintaining high code quality by writing comprehensive **unit tests**, increasing **code coverage**, and ensuring compliance with industry standards.
- Actively managed **technical debt**, leading efforts to refactor legacy code, improving **system performance, maintainability, and scalability**.
- Participated in **code reviews**, providing constructive feedback and mentoring team members on writing clean, efficient, and maintainable code.
- Worked closely with **DevOps** teams to implement **CI/CD pipelines**, automating build, test, and deployment processes.
- Contributed to **architectural decisions** and provided thought leadership to adopt new technologies and tools that enhanced team productivity and system reliability.

FUSEMACHINES – KATHMANDU, NEPAL

SENIOR SOFTWARE ENGINEER – 17/06/2021 – 28/09/2023

1. Worked on various in-house and clients projects like **Fuse Classroom, Enhatch, Qdabra** and **Husslup**.
2. MERN stack implementation, Responsible for design and development of the web pages from mock-ups (PSD).
3. Worked on Front end by using Reactjs, Rxjs, JavaScript, Typescript and implemented latest ES6 features.
4. Worked on backend by using Nestjs, Amazon Web Services, and PostgresSql.
5. Worked with cross-platform mobile application development using ReactNative.
6. Extensively used GIT for version controlling and regularly pushed the code to GitHub.
7. Contribute to writing test cases and increase code coverage.
8. Cooperate with designers to create clean interfaces and simple, intuitive interactions and experiences.
9. Work with senior developers to manage large, complex design projects for corporate clients.
10. Carry out quality assurance tests to discover errors and optimize usability.

EMUSHRIF – KATHMANDU, NEPAL

1. Worked on project **Watad**, which is a high-level attendance system with features like contact tracing, floor plan, and live attendance.
2. Analyzed business requirement to translate functional requirements into technical requirements and developed web application using ReactJs, Redux and GraphQL.
3. Used HTML5, CSS3, JavaScript to build Interactive User Interface (UI), created responsive web pages using MaterialUI framework.
4. Developed the code using SASS framework which in turn would generate plain CSS for the dynamic pages.
5. Worked on Lifecycle Methods, State, Props, and Events to create interactive and stateful React Components, achieved routing using react-router.
6. Created class based and function based components, added necessary event listeners, implemented communication strategies between React Components.
7. Worked on RTL / LTR and Internationalization for Arabic and English languages.

 ENFINNY INNOVATIONS – KATHMANDU, NEPAL

SOFTWARE ENGINEER – 10/07/2018 – 15/04/2020

- Involved in Frontend and Backend Software Development
- Built reusable React components and functions to be added to future pages.
- Develop SEO friendly web applications using NextJs
- Adopted MongoDB for data storage, designed different schemas and data access services to communicate with MongoDB.
- Used NodeJS and Express framework to build server side logic, and applied with middle-wares to handle HTTP requests.
- Involved in design and development of Restful API and services to interact with data storage layer.
- Used React Axios to call Web APIs to fetch data from backend and update the states in the store of Redux.
- Applied JWT middle-ware to backend for authentication and used Passport for security purpose.
- Contribute to writing test cases and increase code coverage.
- Cooperate with designers to create clean interfaces and simple, intuitive interactions and experiences.
- Work with senior developers to manage large, complex design projects for corporate clients.

● **PROJECTS**

18/03/2024 – 31/01/2025

Signetic

Description: Signetic started out in 2016 with a focus on digital transformation—helping companies eliminate paperwork and inefficiencies in favor of modern, digital solutions.

Link: <https://www.signetic.com>

Role: Senior Software Engineer

Responsibilities:

- Involved in the end-to-end development of the **DME (Durable Medical Equipment)** application, including design, architecture, and implementation of features.
- Worked on building and optimizing **PowerPlatform** solutions, including both **Model-Driven Apps** and **Canvas Apps**, ensuring high performance and scalability.
- Led the development of the application's architecture, including the setup of a **monorepo** and ensuring compatibility for **Standalone deployment** and **PCF** components.
- Collaborated with cross-functional teams to define the **roadmap** for junior team members, providing mentorship and guidance on best practices and career development.
- Directed the **grooming** of user stories and backlog, ensuring the team adhered to **agile methodologies** and delivered features on time and within scope.
- Played a key role in the development of **Dataverse** and **PowerPlatform plugins**, enabling seamless data integration and custom business logic.
- Contributed significantly to ensuring **high code quality** by writing comprehensive **unit tests**, increasing **code coverage**, and ensuring compliance with industry standards.
- Actively managed and prioritized **technical debt**, leading efforts to refactor legacy code and enhance system performance, maintainability, and scalability.
- Participated in **code reviews**, providing constructive feedback and mentoring team members on writing clean, efficient, and maintainable code.
- Worked closely with **DevOps** teams to implement continuous integration/continuous deployment (CI/CD) pipelines, automating build, test, and deployment processes.
- Took ownership of **system performance tuning**, identifying bottlenecks and optimizing applications for better resource utilization and faster response times.
- Actively contributed to **architectural decisions** and provided thought leadership in adopting new technologies and tools to improve team productivity and system reliability.

Husslup

Description: Platform where users can discover professional opportunities, make meaningful connections and fast forward their creative careers.

Link: <https://www.husslup.com>

Role: Full Stack Developer (Currently working)

Responsibilities:

- Develop new mobile application on Android and IOS.
- Building reusable components and front-end libraries for future use.
- Took initiative in learning react native and went on to successfully develop various features under minimal supervision.
- Responsible for design and development of various components such as Image compression, Basic search, Universal/Deep Links, Push notifications, Firebase Analytics, reusable components and more.

Qdabra

Description: Software specialized in electronic forms and web services.

Link: <https://www.qdabra.com>

Role: Frontend Developer

Responsibilities:

- Develop and integrate different web components and pages Build reusable code and libraries for future use.
- Contribute in writing test cases and increase code coverage. Design new and maintain old features.
- Write functional requirements documents and guides
- Parse infopath file extensions like xsf, xsn, xml to JSON and vice versa
- Create UI and components for form builder application.

Enhatch

Description: Intelligent Surgery Ecosystem to lower surgical costs, meet demand, and redefine orthopedics.

Link: <https://www.enhatch.com>

Role: Frontend Developer

Responsibilities:

- Develop and integrate different web components and pages Build reusable code and libraries for future use.
- Create PSW web application for mobile use.

Fuse Classroom

Description: AI-enabled education platform.

Link: <https://fuseclassroom.com>

Role: Frontend Developer

Responsibilities:

- Build reusable code and libraries for future use.
- Contribute in writing test cases and increase code coverage.
- Develop and integrate different web components and pages using front-end technologies like ReactJs, Redux, React Bootstrap, ES5, ES6 etc.
- Used Local Storage to store & retrieve insensitive user data during transition between the different pages.
- Contribute to writing test cases and increase code coverage.

Watad

Description: High level attendance system with features like contact tracing, floor plan and live attendance.

Link: <https://watad.emushrif.om>

Role: Frontend Developer

- Develop and integrate different web components and pages
- Develop applications for responsiveness to different screen resolutions using CSS media queries and material-UI.
- Cooperate with designers to create clean interfaces and simple, intuitive interactions and experiences.
- Complete detailed programming and development tasks for the front end.
- Contribute to writing test cases and increase code coverage.

Holiday Pasal

Description: Online booking site in Nepal for hotel, flights, rental car, travel buses and other packages.

Link: <https://holidaypasal.com>

Role: Frontend Developer

Responsibilities:

- Complete detailed programming and development tasks for the front end.

- Carry out quality assurance tests to discover errors and optimize usability.
- Work with senior developers to manage large, complex design projects for corporate clients.
- Build reusable code and libraries for future use.
- Contribute to writing test cases and increase code coverage.
- Worked to make the website SEO friendly

Infi.store

Description: Ecommerce website powered by pathao (Ride sharing app).

Link: <https://infi.store>

Role: Frontend Developer

- Change existing code from ReactJs to NextJs for SEO.
- Develop and integrate different web components and pages
- Develop applications for responsiveness to different screen resolutions using CSS media queries and ant-design.
- Contribute to writing test cases and increase code coverag

EDUCATION AND TRAINING

Gwalichaur, Nepal

SLC (SCHOOL LEAVING CERTIFICATE) (78.50) Welfare English Boarding School

Address Khaulara, Baglung, Nepal, 33300, Gwalichaur, Nepal

Ghorahi, Nepal

INTERMEDIATE (57.70) Deepshika College

Address Ghorahi, Dang, Nepal, 22400, Ghorahi, Nepal

Kathmandu, Nepal

BACHELOR IN INFORMATION TECHNOLOGY (3.08 GPA) Kantipur City College

Address Putalisadak, Kathmandu, Nepal, 44600, Kathmandu, Nepal

LANGUAGE SKILLS

Mother tongue(s): **NEPALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	B2	B2	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

HTML5/CSS, Javascript | ReactJs | NextJs | NodeJs/ExpressJs | NestJs | React Native | MongoDB | PostgreSQL