

# Bibek Koirala

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## Full Stack Developer / Backend Developer

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Dedicated and passionate web developer with a strong focus on creating impactful and user-friendly web applications. Committed to delivering efficient and scalable solutions that solve real-world challenges.

Highly motivated to learn, grow, and contribute to meaningful projects. Excels in problem-solving and building innovative solutions that enhance user experience and meet project goals.

## Education

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**Pokhara University** 2019 – 2024  
*BE in Computer Engineering*

- **Relevant Coursework:** Data Structures and Algorithms, **Database Management Systems**, Operating Systems, Computer Networks, Software Engineering, **Advanced Web Technology**

## Skills and Technologies

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**Programming Languages:** JavaScript, Typescript, GoLang

**Backend Frameworks:** Node.js, Express, Nest.js

**Frontend Frameworks:** Reactjs, Next.js ,

**Version Control:** Git, GitHub

**Databases:** MongoDB, PostgreSQL, MySQL, Redis

**Tools:** Docker

**Cloud Platforms:** AWS(S3, ECR, ECS, EC2)

## Experience

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**Junior Backend Developer and Internship - Brandbuilder** *Kaski, Nepal : 2024*

- Developed the buyer microservice for a POS system, handling customer interactions, order processing, and data management and real-time room creation
- Collaborated with other teams to ensure seamless integration with the seller microservice and frontend applications.
- Assisted frontend development using React, contributing to building user interfaces.
- Certificate: [View Certificate](#) 📄

**Freelance Web Developer** *Japan : 2023*

- Developed an On-Demand Service application where customers can message relevant technicians.
- Created a user-friendly interface and efficient back-end processes to handle service requests.

## Personal Projects

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**CI/CD Integration and S3 Demo** [Live Site](#) 📄

- Implemented a CI/CD pipeline using GitHub Actions to automate the deployment of a React Project in Github pages.
- Configured S3 for image storage and retrieval, integrating it seamlessly into the application workflow.

**Chat App** [GitHub](#) 📄

- Developed a real-time chat application supporting both group and single chat functionality using WebSockets for real-time communication.

**On-Demand Service App** [GitHub](#) 📄

- Developed an On-Demand Service application where customers can connect with relevant technicians through messaging, enabling quick resolution of service requests.

## Blog App

[GitHub](#) 

- Developed a blogging platform with two user roles: Admin and Author, allowing users to create, edit, and manage blog posts.
- Implemented a role-based access control system to manage permissions for different user roles.

## Home Buyer

[GitHub](#) 

- The website facilitates seamless communication between buyers and sellers through integrated messaging and real-time notifications.
- Integrated house price prediction using a machine learning algorithm, and implemented authentication via Google or email.

## Languages

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- English, Nepali, Hindi