

BIBEK BHATTARAI

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GitHub: <https://github.com/bibek1414>

Portfolio: <https://bibekbhattarai14.com.np/>

SUMMARY

Innovative and detail-oriented Computer Science student with hands-on experience in problem-solving, software development, and technology. Adept at applying technical skills to create efficient solutions and improve processes. Seeking an opportunity to apply my knowledge and contribute to dynamic projects in a challenging and growth-oriented environment.

TECHNICAL SKILLS

- **Frontend Development :** HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS, GSAP, AOS
- **Backend Development :** Node.js, Python (Django, FastAPI, NumPy, Pandas, Scikit-learn)
- **Database Management :** MongoDB, SQL (PostgreSQL, MySQL)
- **Cloud & DevOps:** AWS (EC2, S3), Render, Vercel, Docker (Dockerfile, Docker Compose, volumes, networking), Kubernetes (Deployments, Services), Linux
- **Tools & Practices:** Git, GitHub, GitLab

PROJECTS

- **Hamro Pasal (E-commerce Web Application)**

Developed Hamro Pasal, a full-stack e-commerce web application built with Next.js for both the frontend and backend. Integrated Stripe for secure payment processing and implemented core features such as user authentication, product filtering, and shopping cart functionality using MongoDB as the database. For storage, I utilized AWS S3 to manage and store data efficiently. The entire application was deployed on Vercel, leveraging its seamless support for Next.js to ensure optimal performance and scalability.

GitHub Repository: <https://github.com/bibek1414/ecommerce-frontend-backend>

- **Book My Problem**

Developed a platform using Next.js for both the frontend and backend, where users can book a variety of problem-solving services, such as tech support, legal help, repairs, and more, to be solved within 24 hours. The platform allows solvers to provide solutions to these problems, offering real-time updates and notifications to both users and service providers. The project covers various service categories, including tech, legal, and repairs. Payment processing has not yet been integrated, but the core booking and problem-solving functionalities are fully operational.

GitHub Repository: <https://github.com/bibek1414/bookmyproblem>

- **Expense Tracker**

Developed a personal finance management application using Django and Tailwind CSS, featuring Google Authentication and interactive data visualizations. Designed with role-based access controls and a mobile-first responsive interface for seamless cross-device functionality.

GitHub Repository: https://github.com/bibek1414/expense_tracker

- **ChatApp**

Created a real-time chat application using Django and Channels, integrating WebRTC for audio/video calls and Redis for scalable messaging. Implemented secure authentication, contact management, and a responsive UI using Tailwind CSS, ensuring seamless communication across devices.

GitHub Repository: <https://github.com/bibek1414/chatapp>

ADDITIONAL PROJECTS

- Portfolio Website(<https://github.com/bibek1414/portfolio>)
- Discussion Board(<https://github.com/bibek1414/boards>)
- Quiz Application(https://github.com/bibek1414/quiz_django)
- Weather Application(<https://github.com/bibek1414/weatherapp>)
- Task Management(<https://github.com/bibek1414/taskmanagerfront>)

EDUCATION

Bachelor of Computer Science and Information Technology (BSc.CSIT)

Hetauda City College | 2019-2024

Higher Secondary Education - Science (Physics, Mathematics)

MAKWANPUR MULTIPLE CAMPUS | 2017-2019

TRAINING/CERTIFICATE

Python & Django

Broadway Infosys | 2025



