Saurav Dhakal

Pokhara, Nepal • sauravdhakal121@gmail.com • [Linkedin](#) • [Github](#)

EDUCATION

Pokhara University | Bijaypur,Pokhara **July 2025**

Bachelor in Software Engineering

Relevant coursework: Data Structures and Algorithms, Java, C/C++, Program Design , Computer Architecture, Web Technologies, Engineering Mathematics, Database Management, Applied Operating Systems, Network Programming.

SUMMARY

An adaptable **back-end developer,** with a growing track record in building efficient and scalable web applications. Proficient in Node and Express.js, with a deep understanding of RESTful APIs and microservices architecture. Focused on optimizing database queries to enhance application performance and ensuring robust performance. Skilled in implementing secure authentication mechanisms, ensuring data integrity and protection.

SKILLS & CERTIFICATIONS

- **Programming Languages**: JavaScript, TypeScript, Python, Java, C/C++, SQL, HTML, CSS
- **Frameworks, Tools, & Libraries: NodeJS, Express, PSQL, MongoDB, Postman, React, VS Code, Jupyter Notebook, Git/Github, TailwindCSS**
- **Certifications**: Programming Language, Part A ([University of Washington](#)), Bits and bytes of Computer Networking ([Google](#)), Train the Student Workshop ([Erasmus + EU](#))

PROJECTS

Recipe Recommender App - Backend Developer | Academic Project [GitHub](#) | [View Project](#)
- Developed Recipe Recommender App, an Express and React-based recipe sharing platform enabling users to share and discover recipes, follow other users and get personalized recommendations.
- Implemented user authentication and authorization, recipes and users management, and integrated Cloudinary for image uploads and Neon for cloud database. Utilized technologies including Express, Prisma, Nodemailer, integrated OAuth for a user-friendly login experience and incorporated best practices for scalability and performance.
- Utilized: ExpressJS, PostgreSQL, Prisma ORM

Stock Portfolio Tracker - Fullstack developer | Individual Project [Frontend](#) | [Backend](#)
- Built a comprehensive stock portfolio tracker using the MERN stack, enabling users to manage their stock portfolio and get real time updates on stock prices, implemented by integrating Nepses official API.
- Utilized: React, NodeJS, Express, MongoDB

The Scheduler App - Co-developer | Academic Project [GitHub](#)
- Developed a mobile and web application where college students can login to view their universities routines and notices. Integrated firebase as a backend service for storing data and enabling seamless user authentication.
- Utilized: Dart, Flutter, Firebase, Android Studio

EXPERIENCE

Backend Intern - Void Nepal | Kathmandu, Nepal **Present - NOV 2024**
- Developed the backend infrastructure for a new EdTEch application aimed at streamlining educational content delivery and providing interactive learning environment to students.
- Designed and implemented RESTful APIs for smooth communication between frontend and backend. Worked in a microservice architecture, leveraging Node.js and Express.js to build scalable services. Integrated databases such as PostgreSQL with Prisma ORM for user and resource management.
- Optimized system performance, reducing response for queries by implementing efficient database querying and proper pagination.