Laxmi Khanal *Backend Programmer*

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Profile

I am a Backend programmer with 1+ year of hands-on experience building scalable, production-ready APIs and server-side applications using Python, Django, and Django REST Framework. I have also worked with Node.js, Express.js, and TypeScript, and have deployed and managed applications on AWS and Azure, focusing on performance optimization, secure authentication, and clean, maintainable architecture.

Professional Experience

06/2025 – 12/2025 Kathmandu, Nepal	**Backend and Python Engineer** *InternSathi - Sathi Edtech Pvt. Ltd.* At Intersathi, I developed and maintained RESTful APIs using Python, Django, and Django REST Framework, integrated PostgreSQL, and deployed and managed applications on Azure VM. I also implemented job scraping pipelines and handled core backend responsibilities such as database design, authentication & authorization, performance optimization, debugging, and ensuring scalable, secure server-side architecture.

Skills

Python, Django, Django Rest Framework, Django ORM, FastAPI, Pydantic, BeautifulSoup

ReactJS, Javascript, TailwindCSS, React Hook Form, ShadCN UI, CSS, SCSS

MySQL, PostgreSQL, SQlite, Git, Github, Notion

NodeJS, TypeScript, Bun, ExpressJS, Prisma, Zod, Yup, AWS S3, EC2, Linux, Docker, Ubuntu, Bash

Education

01/2023 – Present Butwal	**Bsc. Computer Science and Information Technology** *Lumbini City College, Tribhuwan University* I studied computer fundamentals, programming (C, OOP, Python, Java), mathematics, digital logic, data structures, algorithms, DBMS, operating systems, software engineering, and computer networks. I also focused on advanced topics such as artificial intelligence, cybersecurity, distributed systems, mobile application development, computer graphics, project management, and technical writing.
10/2020 – 05/2022 Butwal	**+2 Science (Computer Science)** *New Horizon College* Activities and societies: Studied +2 Science, explored the art of physics, and followed my passion for mathematics. It was at NHC that I first immersed myself into the world of computer science and programming.

Organisations

05/2025 – Present Butwal	**CSIT Association of Nepal - Rupandehi** *Vice President* I served as the Vice President of the CSIT Association, where I helped organize and conduct bootcamps and workshops for students. I mentored juniors in programming, best practices, and guided them in building strong technical foundations.

Projects

WorkBloom - Job Portal and Recruitment System

- Developed **WorkBloom**, a job portal and recruitment system that helps job seekers find relevant opportunities and assists recruiters in efficiently managing applications, using Next.js for the web and Django/Django REST Framework for the server.
- Implemented personalized job recommendations through collaborative filtering algorithms and application grouping using K-Means clustering based on candidate fit and other metrics, improving matching efficiency and decision-making for both candidates and recruiters.

Courses

05/2025 – 08/2025	**100 Days of Code: The Complete Python Pro Bootcamp**
	Udemy
	Completed **100 Days of Code: The Complete Python Pro Bootcamp**, where I mastered advanced Python features such as object-oriented programming, decorators, generators, context managers, and asynchronous programming. I applied these skills to build scalable, high-performance Django applications with clean, maintainable code and production-ready backend architecture.