

Nabin Bogati

Software Developer

Kathmandu, Nepal

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Experienced Software Developer with over 5 years of expertise in backend development and system operations, with a strong background in designing and managing large-scale applications. I am passionate about continuous learning, innovation, and making a lasting impact through my work. Whether collaborating with cross-functional teams or leading projects from concept to completion, I bring a proactive mindset and a commitment to excellence in everything I do.

TECHNICAL EXPERTISE

- | | | |
|---------------------|--------------|---------------------------|
| • Python | • PostgreSQL | • Scripting (Bash/Python) |
| • Flask | • MongoDB | • Git |
| • Async Programming | • Redis | • Docker |
| • FastAPI | | |

PROFESSIONAL EXPERIENCE

Teslatech Pvt.Ltd

Lead Backend Developer

Backend Developer

Dhobighat, Lalitpur

April 2023 – November 2024

February 2019 – April 2023

- Architected and implemented scalable backend systems for large-scale online multiplayer games leveraging Python, FastAPI and WebSockets, integrated with performant PostgreSQL, Redis and MongoDB databases.
- Designed, developed, and maintained RESTful APIs adhering to industry best practices and ensuring scalability and security.
- Led the design and efficient management of relational (PostgreSQL) and NoSQL (Redis, MongoDB) databases, ensuring data integrity, optimized query execution, and horizontal scaling strategies.
- Provided technical leadership and mentorship to a team of 4-5 developers throughout the entire software development lifecycle, promoting best practices in coding, testing, and deployment.
- Managed and administered VPS (Virtual Private Server) environments on DigitalOcean, including server configuration, security hardening, performance monitoring, and troubleshooting.
- Architected and deployed a resilient publish-subscribe (pub/sub) messaging architecture utilizing Centrifugo for real-time communication and enhanced gameplay.
- Developed and maintained automation scripts (e.g., Python, Bash) for routine system administration tasks and implemented cron jobs for scheduled execution, alongside configuring and managing HAProxy for load balancing and high availability of backend services.

Dryice Pvt.Ltd
Backend Intern

Kupondole, Lalitpur
July 2018 – January 2019

- Created automated test cases for web applications.
- Built REST API-driven web applications using Django REST Framework.
- Developed a web crawler to scrape and compare stock prices from Yahoo Finance.

Cloud Factory Nepal
Cloud Analyst

Bakhundole, Lalitpur
January 2017 – June 2018

- Data Analysis using excel
- QA Assistance.

EDUCATION

Nagarjuna College of Information Technology

Sankhamul , Lalitpur

Bachelor in Computer Science and Information Technology

November 2014 – December 2018

- Created automated test cases for web applications.
- Built REST API-driven web applications using Django REST Framework.
- Developed a web crawler to scrape and compare stock prices from Yahoo Finance.

ONGOING LEARNING & DEVELOPMENT

- **JavaScript, TypeScript & React** - Advancing towards full-stack development and expanding expertise in modern web technologies.
- **Design Patterns** – Learning best practices for scalable system design.
- **Reading** - “The power of now - Eckhart Tolle (Spiritual Growth)”