

SURYA PRATAP LIMBU

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Organized and results-driven Software Engineer with over 4 years of experience in developing and optimizing scalable web applications. Proven ability to lead teams, streamline processes, and enhance performance using Python, Django, and JavaScript. Adept at managing cross-functional projects, mentoring, and applying best practices for web development and system architecture.

WORK EXPERIENCE

Associate Team Lead, CodeHimalaya Pvt. Ltd. **Aug 2022 - July 2023**

- Enhanced and deployed features for a peer-to-peer lending fintech application, including the integration of the **Razorpay** payment gateway to facilitate seamless online transactions.
- Transitioned a monolithic architecture to smaller, self-reliant applications, improving maintainability and scalability.
- Implemented **REST APIs** using **Django** and **Django REST Framework** to handle core business logic.
- Led backend development efforts and coordinated with cross-functional teams using **Jira** for task tracking.

Senior Software Engineer, CodeHimalaya Pvt.Ltd. **Feb 2022 - Aug 2022**

- Optimized the architecture of financial applications, improving system performance and security.
- Improved database interactions, reducing query times by 10%.
- Conducted regular code reviews and deployed updates to live systems using **Docker** and **CI/CD** pipelines.

Software Engineer, MAGDOTNET **Sep 2021 - Feb 2022**

- Designed and implemented technology solutions that met or exceeded project specifications.
- Built features for an online ride service platform using **Django**, with a **PostgreSQL** database, providing seamless interaction between riders and drivers.

Software Engineer, InfoDevelopers Pvt.Ltd. **Jun 2019 - Sep 2021**

- Developed and maintained core services for e-commerce and fin-tech applications.
- Worked on multiple e-commerce applications, primarily using **Python** and **Django** to develop scalable backend solutions.
- Led improvements in system reliability and integration, reducing downtime by 15%.

EDUCATION

MSc. Software Engineering **Sep 2024**

University of West London

- Thesis on "Comparative Analysis of Graph Neural Networks and Naive Bayes for Email Spam Detection".

BSc. Software Engineering **Jun 2019**

Naya Aayam Multi-Disciplinary Institute, Nepal (Affiliated to Northampton University, UK)

HARD SKILLS

- Programming:** Python, JavaScript
- Web Development:** Django, Flask, Django CMS, Oscar, React
- System Architecture:** API Development, Version Control, Microservices
- Database Management:** MySQL, PostgreSQL
- DevOps:** Continuous Integration, Docker, Docker Compose
- Version Control:** Git
- Testing & Monitoring:** PyTest, New Relic, SonarQube

SOFT SKILLS

- Leadership
- Communication
- Problem Solving
- Adaptability
- Teamwork
- Time Management