

# Abhishek Pokhrel

+977-9868136515 | [abhishekpokhrel001@gmail.com](mailto:abhishekpokhrel001@gmail.com)

 [abhishekpokhrel001](#) |  [AbhishekPok](#)  
Kathmandu-16, Bagmati Province, Nepal

## OBJECTIVE

Seeking a challenging position in DevOps to leverage my expertise in . Aiming to contribute to innovative projects at the intersection of [your interests] and practical problem-solving in fields such as [specific areas of interest].



## EXPERIENCE

- **Spark workshop** August 2025 - present  
*Backend Intern* Lalitpur, Nepal
- Developed a web application using django, drf achieving insight on industry based practices, methodologies and experiences in python and django based frameworks.
- Implemented clustering algorithms and other college learned algorithms, enhancing problem identification and problem solving capacities in more efficient and significant ways
- Conducted containerization and tried to host it in aws.
- Presented findings at daily stand-ups and meetings, receiving recognitions and suggestions to improve from higher ups.

## EDUCATION

- **Patan Multiple Campus,(Aff. Tribhuvan University)** April 2022 - Present  
*B.Sc.CSIT* Kathmandu, Nepal
- **Viswa Niketan Sec. School** April 2021  
*Pre-University Education* Kathmandu, Nepal
  - GPA: 3.35
- **Gyanodaya Sec. School** April 2018  
*Secondary Education* Kathmandu, Nepal
  - GPA: 3.75

## PROJECTS

- **Project A: Multi-VM Deployment with Vagrant (WordPress + MySQL)** November 2025  
*Tools: Apache, Vagrant, WordPress, MySQL*
  - Installation and configuration of Apache, PHP, and WordPress.
  - Setup of Apache virtual hosting for isolated site deployment.
  - MySQL installation and secure user/database configuration.
  - Inter-VM networking using private IPs for seamless app-DB communication.
  - End-to-end validation via remote WordPress access and test blog post creation.
- **Project B: Expense Tracker (FinTrack)** Present  
*Tools: Django, React* 
  - Designed and implemented RESTful API endpoints in Django to support CRUD operations for transactions, categories and user profiles.
  - Built responsive user interfaces in React, including forms for new entries, summary dashboards, charts and filters to enable data-driven insights.
  - Integrated frontend and backend modules, handling asynchronous data fetching, state management and error-handling to deliver a seamless UX.
  - Ensured secure access by implementing user login/logout flows and role-based access controls in the backend.
  - Conducted testing of both frontend and backend modules to guarantee reliability and data correctness.
  - Documented project structure, workflows and deployment steps (via README) to facilitate future maintenance and expansion.
- **Project C: Travomind – AI-Powered Travel Assistant Web Application** Present  
*Tools: Angular, NestJs, MongoDB* 
  - Developed an AI-integrated travel assistant platform designed to help users discover, plan, and manage their travel experiences efficiently. The system dynamically suggests destinations, provides itinerary recommendations, and enables real-time chatbot interaction for personalized travel guidance.
  - Integrated OpenAI GPT API for conversational recommendations and intelligent itinerary suggestions.
  - Managed MongoDB database for storing destinations, travel categories, and user preferences.
  - Built a RESTful backend API with Node.js anManaged MongoDB database for storing destinations, travel categories, and user preferences.
  - Deployed and maintained the application using GitHub and Vercel for version control and hosting.

## SKILLS

---

- **Programming Languages:** Python, Django, DRF, YAML/JSON, Bash/Shell Scripting,
- **Database Systems:** MySQL, MONGODB, POSTGRESQL
- **Cloud Technologies:** AWS
- **DevOps & Version Control:** Version Control:(Git, GitHub), Monitoring & Logging:(Prometheus, Grafana), Infrastructure as Code:Terraform
- **Research Skills:** Technical Documentation Review, Problem Decomposition, Analytical Thinking