Rosha Prajapati
Python Developer | AWS Certified
Kathmandu, Nepal
LinkedIn Profile

Summary

An experienced Python developer with 5+ years of experience specializing in web backend development, with a strong background in developing, deploying, and maintaining complex web applications. Expertise includes Python, Django, Flask, JavaScript, SQL, data processing, and cloud technologies such as AWS (EC2, Lambda, S3, etc.). Experienced in Agile environments and committed to ensuring the stability and performance of web applications.

Top Skills

- **Python**
- **Django**
- **JavaScript (Node.js, JQuery)**
- **HTML, CSS, Bootstrap**
- **SQL (MySQL, MongoDB)**
- **AWS (EC2, Lambda, S3, SQS)**
- **Git**
- **Docker (Preferred)**
- **Web Application Development**
- **Agile Development**

Certifications

- **AWS Certified Solutions Architect – Associate**
- **Pandas Essential Training**

Experience

Verisk
Software Engineer
September 2021 - Present | Kathmandu, Nepal

- Developed web-based applications in a team of 7 for analytics, ML model utilization, and data processing tasks, contributing to complex web applications' stability and performance.
- Utilized **Python** (Flask) and **JavaScript** (Angular) for backend development.
- Involved in **text mining** and analysis of PDF documents, optimizing algorithms and improving the data processing pipelines.
- Worked with **AWS services** (EC2, Lambda, S3, SQS), ensuring high scalability and reliability of applications in production.
- Collaborated with team members to ensure high code quality using **Git** and best practices.

Tekvortex
Software Engineer
November 2019 - September 2021 | Kathmandu, Nepal

- Developed a web content archiving platform, utilizing **Python**, **JavaScript**, and **AWS** for backend development, including deploying and maintaining systems on-premise.
- Contributed to the **conversion of a monolithic application** to a microservices-based architecture, ensuring scalability and high availability.
- Worked with **task queuing, batch processing, web content proxying**, and **searching**, optimizing the backend infrastructure for better performance and reliability.
- Applied **Docker** for containerization and ensuring consistency across development and production environments.

Smart Solutions
Python Developer
November 2017 - January 2019 | Kathmandu, Nepal

- Contributed to the development of backend services for data collection, aggregation, and analysis, utilizing **Python** and **Django**.
- Involved in **API development**, data analysis, and **data visualization** to enhance web application features.
- Participated in brainstorming and R&D for application architecture improvements, ensuring efficient problem-solving for backend tasks.

3Hammers Pvt. Ltd.
Web Developer
June 2016 - September 2017 | Kathmandu, Nepal

- Worked on an E-commerce project, contributing to feature enhancements and new developments using **Python (Django)**, **jQuery**, and **MySQL** for backend and frontend integration.
- Developed dynamic and responsive web pages using **HTML, CSS**, and **JavaScript** to improve user experience and ensure web application stability.

Education

Tribhuvan University
Bachelor of Engineering - BE, Computer Engineering
October 2013 - October 2017

Little Angel's College
10 + 2, Science
2011 - 2013

Technical Skills

- **Programming Languages**: Python, JavaScript
- **Frameworks**: Django, Flask
- **Database Management**: MySQL, MongoDB
- **Web Technologies**: HTML, CSS, Bootstrap, JQuery, Ajax
- **Version Control**: Git, GitLab
- **Cloud Platforms**: AWS (EC2, Lambda, S3, SQS)
- **Containerization**: Docker (Preferred)
- **Agile**: Scrum, Kanban
- **Deployment**: CI/CD pipelines

Key Competencies

- Practical experience in **web backend development** for **complex web applications**.
- Expertise in **Python** and **Django** for scalable backend development.
- Strong understanding of **JavaScript** and modern frontend technologies (JQuery, Bootstrap).
- Proficiency in working with **GitLab**, version control, and continuous integration.
- Experience with **Docker** for containerization (Preferred).
- Solid background in deploying and managing web applications on **AWS**.
- **Agile** experience working in cross-functional teams.