

Atit Bimali

Python Developer & DevSecOps enthusiast

Microsoft Learn Student Ambassador

Contact Information:

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Objective:

I am a skilled Python Developer and DevSecOps enthusiast looking to join a dynamic team. I have experience in microservices, CI/CD pipelines, and cloud deployments. I aim to use my skills in backend development, containerization, and monitoring to contribute to innovative projects and help ensure secure and efficient application performance. Seeking opportunities to further develop my expertise and make a meaningful impact in a collaborative team environment.

Technical Skills:

- **Programming Languages & Frameworks:** Python3, Javascript, C, C++, Django, Flask, HTML5, Selenium, Bootstrap, NodeJS, Celery
 - **Databases:** MySQL, Postgres, MongoDB
 - **DevOps & Deployment:** Azure, Azure Functions, AWS (basic), Heroku, VPC/VPS, Linux, Bash, Git, GitHub, GitLab, Docker, Docker Compose, Jenkins CI/CD, Kubernetes (K8s basic), Argo CD, Apache, Nginx, Redis
 - **Monitoring & Performance:** Netdata, Grafana, Prometheus
 - **Security & Compliance:** OWASP Top 10, Burp Suite, SonarQube
 - **API & Integration:** REST APIs, API Integrations
 - **Project Management & Collaboration:** Jira, Slack, GitHub
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Professional Abilities:

- **Problem-Solving:** Expert in diagnosing and resolving complex IT issues efficiently.
- **Team Collaboration:** Proven ability to work collaboratively in a team environment, leading projects and mentoring junior staff.
- **Communication:** Excellent communication skills, with the ability to explain technical concepts to non-technical users.
- **Adaptability:** Quick to adapt to new technologies and industry trends, continuously updating skills and knowledge.
- **Project Management:** Strong project management skills, capable of leading multiple projects simultaneously with a keen attention to detail.

Professional Experience:

Software Engineer | [Code Himalaya](#)

Lalitpur, Nepal | December 2024 – Present

- **API Development & AML/CFT Solutions:** Contributing to the design, development, and integration of APIs for *TrustAML*, an Anti-Money Laundering (AML) and Counter-Terrorist Financing (CFT) solution tailored for banks and financial institutions.

Python Developer, DevOps Engineer | [Spices Research](#)

Lalitpur, Nepal | September 2022 – December 2024

- **JWT-Based RBAC System Development:** Architected and implemented a JWT-based Role-Based Access Control (RBAC) system for a multi-tenant ERP solution using Django Rest Framework, ensuring secure and scalable access management. Integrated an Activity Log to record user IP addresses and device information in compliance with Nepal's Inland Revenue Department (IRD) regulations, and utilized Celery and Redis for efficient task management and message queuing.
- **Managed VPC:** Managed VPC: Oversaw multiple VPC/VPS services, managing Linux servers to host Python and JavaScript applications. I monitored system specifications and bandwidth usage, providing detailed performance metrics and future capacity reports to the management team. Worked collaboratively with the F1Soft DevOps and Database teams to ensure seamless integration, optimization, and scaling of infrastructure and application performance.
- **Technical Support and Guidance:** Provided comprehensive technical guidance and mentorship to colleagues and juniors on implementing security measures, optimizing third-party integrations, and enhancing code efficiency, fostering a culture of continuous improvement and operational excellence.
- **Project Implementation:** Project Implementation: Spearheaded the implementation of microservices and REST APIs for an ERP system, with a focus on scalability and seamless API integrations, ensuring robust solutions. Maintained comprehensive documentation of IT processes, systems configurations, and microservice architecture.
- **DevOps and Deployment Automation:** Orchestrated CI/CD pipelines using Docker, Nginx, Apache, Jenkins, and Git, facilitating seamless node and Django application deployments utilizing load balancers, Redis for enhanced development efficiency and scalability.
- **Cybersecurity:** Implemented robust cybersecurity measures, adhering to OWASP standards, conducting regular vulnerability assessments, and utilizing tools like Burp Suite and SonarQube for penetration testing and code quality assurance, ensuring robust application security and compliance. Developed and enforced cybersecurity policies reducing security breaches by 50%.

- **Tools Utilization and Communication:** Leveraged Slack integrations for real-time notifications on system status, CI/CD build status, resource usage, and project milestones, ensuring efficient team collaboration and streamlined communication channels.
- **Monitoring and Performance Optimization:** Integrated Grafana Cloud, cAdvisor, and Prometheus to monitor Django applications and Docker containers, enabling real-time performance tracking and visualization. This setup facilitated proactive system health monitoring, resource utilization analysis, and quick identification of performance bottlenecks, contributing to improved application stability and reliability.

Django& Flask Developer | Supercomm IT

Thailand, Remote | January 2023 – May 2023

- **Code Optimization:** Successfully migrated the code base from Flask to Django, enhancing scalability and performance.
- **Collaboration:** Worked closely with security and database teams to resolve existing race conditions and ensure seamless operations.
- **Third-Party API Integrations:** Implemented robust integrations with third-party APIs to extend functionality and enhance system capabilities.

Remote Backend Developer | Tech Himalayan

Chitwan, Nepal | 2022 - January 2023

- **API Development:** Created RESTful APIs for an all-in-one sports application, enhancing functionality and user experience.
- **Database Design:** Designed and implemented databases tailored to fit the business model, optimizing data storage and retrieval efficiency.
- **CI/CD Maintenance:** Managed continuous integration and continuous deployment pipelines, ensuring seamless and efficient software delivery.
- **Test Cases:** Developed comprehensive test cases to ensure the reliability, performance, and security of applications.
- **Frontend Integrations:** Assisted in the integration of API with React & flutter applications.

Freelance Web Developer | Fiverr & Upwork

2021- 2024

- Developed AI-powered management systems like HRMS and CRM.
 - Custom Web application development along with third-party API integrations.
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Education:

Bachelor of Science in Computer Science & Information Technology | Tribhuvan University

New Summit College, Shantinagar, Kathmandu, Nepal | 2021-2025 (expected)

Certifications:

- [Microsoft Student Ambassador](#)
 - [Azure IAC](#)
 - [APISec](#)
 - [HackerRank Python Problem-Solving](#)
 - [Python Master](#)
 - [AWS AWSome Day](#)
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References:

Available upon request.