Bhupesh Janwalkar

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Professional Summary

Results-driven Software Development Engineer with 6+ years of experience designing, developing, and deploying scalable backend systems and cloud-native applications. Specialized in Python, Django, Flask, and microservices architecture with hands-on expertise in AWS, CI/CD automation, and infrastructure as code. Adept at building resilient, testable, and maintainable systems in high-availability environments. Proven ability to improve system efficiency, reduce operational costs, and deliver value in Agile and DevOps-driven teams. Passionate about solving complex problems and building systems that scale globally.

Professional Experience

Bank of America — Software Engineer II | June 2022 – Present

- Designed and implemented backend automation tools in Python to streamline device onboarding and network infrastructure provisioning, enhancing platform reliability and availability.
- Reduced manual effort by 90% by integrating automation pipelines with CI/CD tools and implementing self-healing scripts for production environments.
- Worked on projects related to network security, and real-time infrastructure monitoring, contributing to higher network performance across global data centers.
- Adhered to clean coding standards and participated in rigorous code reviews to maintain testable and maintainable software across teams.
- Supported architecture and scaling initiatives to meet the demands of mission-critical technology platforms in banking.

Insite Digital Pvt Ltd — Software Engineer | March 2021 – June 2022

- Built RESTful APIs and dashboard interfaces for internal analytics tools, reducing report generation time.
- Delivered new product features using Django and PostgreSQL that enabled real-time campaign performance tracking.
- Collaborated with cross-functional teams to enhance platform scalability, security, and performance.
- Supported technical direction and system design decisions to improve network performance in live environments.

NeoSoft Technologies — Software Developer | Oct 2020 – March 2021

- Developed microservices using Flask, improving response times for high-load client applications in the insurance and retail domains.
- Led the integration of third-party APIs and enhanced provisioning workflows, resulting in smoother customer onboarding.
- Designed scalable and reusable backend modules to support a growing number of platform users across India.

Teamnest Employee Services Pvt Ltd — Software Developer | Aug 2019 – Aug 2020

- Engineered and deployed a multi-tenant SaaS-based HRMS platform using Django REST API and Framework7, powering Android and iOS apps for 5,000+ employees across multiple organizations.
- Automated HR workflows including onboarding, attendance, leave, and expense management, reducing manual efforts by 50% and significantly improving process efficiency.
- Integrated dynamic dashboards and location-based features using Charts and Maps, leading to a 30% improvement in HR data visibility and real-time attendance tracking.

SimSol Technologies And Services Pvt Ltd — Software Developer | Nov 2018 – Aug 2019

- Developed a web-based home loan and document processing platform from scratch using Flask, serving key roles Admin, Auditor, and Operations for Axis Bank's PMAY scheme.
- Optimized admin workflows by building dynamic master maintenance modules and reusable form macros with Jinja, improving configuration efficiency.
- Ensured code reliability through test-driven development with pytest and realistic test data, reducing bugs in production by 30%.

Education

Master of Computer Applications (MCA)
ASM Institute of Management & Computer Studies – Mumbai University | *2015 – 2018*

Bachelor of Science (IT)
Sandesh College – Mumbai University | *2011 – 2014*

Technical Skills

- **Languages:** C, C++, Python, Bash, JavaScript, SQL
- **Frameworks:** Django, Flask, React.js
- **Cloud & DevOps:** AWS (S3, EC2, RDS), Docker, GitLab CI/CD, Splunk
- **Databases:** PostgreSQL, MySQL, MongoDB, Oracle