

ANJI MATLA

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Professional Summary

Experienced Python Full Stack Developer and DevOps Engineer with over 11 years of comprehensive expertise in software engineering, DevOps, and cloud technologies. Proven track record in designing, developing, and deploying enterprise applications, implementing automation, and optimizing mission-critical deployments. Skilled in leading cross-functional teams and aligning technical solutions with business goals. Actively seeking a challenging position in a dynamic organization where I can leverage my proficiency in Python, Java, DevOps, and Cloud technologies to contribute to the success of the team.

Skills

• Python Full Stack Development:

- ✓ Django, Flask
- ✓ REST APIs
- ✓ PySpark, GraphQL
- ✓ Data Analysis Tools (Pandas, NumPy)
- ✓ Data Science Tools (Scikit-learn, TensorFlow)
- ✓ Web Services
- ✓ Frontend Technologies: HTML5, CSS3, ReactJS, Angular, Vue.js, Bootstrap

• Monitoring and Logging:

- ✓ ELK Stack: Elasticsearch, Logstash, Kibana
- ✓ Prometheus, Grafana, Splunk, Dynatrace

• Job Scheduling:

- ✓ Control-M: Enterprise job scheduling and workload automation.

• Project Management and Documentation:

- ✓ Jira: Project management and issue tracking
- ✓ Confluence: Collaboration and documentation

• Cloud Platforms:

- ✓ AWS (Amazon Web Services)
- ✓ Azure (Microsoft)
- ✓ GCP (Google Cloud Platform)

• DevOps and CI/CD:

- ✓ Continuous Integration/Continuous Deployment (CI/CD)
- ✓ Version Control: Git
- ✓ CI/CD Tools: GitLab, Jenkins, GitHub, Ansible, Terraform
- ✓ Containerization: Docker
- ✓ Orchestration: Kubernetes
- ✓ Infrastructure as Code (IaC): Terraform, Kafka, AWS CloudFormation, Azure ARM Templates, Rancher Axway, Google Cloud Deployment Manager
- ✓ Configuration Management: Ansible, Puppet
- ✓ Cloud Platforms: AWS (EC2, Lambda, S3, RDS, DynamoDB, Route 53, SNS, SQS, ECS, EKS, CloudFormation), Azure, Google Cloud Platform (GCP)

• Database Management:

- ✓ SQL Databases: PostgreSQL, MySQL, Microsoft SQL Server, Oracle
- ✓ NoSQL Databases: MongoDB, Firestore (Google Cloud)

• Web Servers:

- ✓ Apache HTTP
- ✓ Nginx
- ✓ Apache Tomcat

✓ Jira, Confluence

- **Scripting and Automation:**

- ✓ Bash scripting
- ✓ Python scripting for automation tasks
- ✓ Java scripting

- **Operating Systems:**

- ✓ Windows
- ✓ Linux
- ✓ Mac

- **Collaboration and Communication:**

- ✓ Slack, Microsoft Teams

Work History

Full Stack Python Developer

Edward Jones - St Louis, MO | Oct 2023 - Present

- Orchestrating both frontend and backend development, I leverage Python to create seamless and responsive user interfaces while ensuring robust server-side functionality.
- Harnessing the power of Django and Flask, I architect scalable and feature-rich web applications, integrating both form and function.
- Designing and implementing RESTful APIs, I establish efficient communication channels between different components and services.
- Utilized PySpark for big data processing, enabling distributed data processing capabilities.
- Pioneering the adoption of microservices, I enhance system modularity and scalability, aligning with the forward-thinking goals of the project.
- Orchestrated cloud solutions on AWS, optimizing resources for secure, scalable, and reliable infrastructure, utilizing Route 53 for DNS management.
- Implemented CI/CD pipelines using Git, Jenkins, Docker, and Kubernetes, with Grafana dashboards for monitoring.
- Configured and customized Grafana dashboards to visualize key performance metrics, allowing for real-time monitoring and analysis.
- As a proficient user of Git, Jenkins, Docker, and Kubernetes, I streamline development processes, maintaining a cohesive and efficient DevOps environment.
- Implemented and maintained disaster recovery strategies, ensuring business continuity in critical scenarios.
- Spearheaded a key optimization initiative, reducing application response time by 25%, resulting in a more responsive user experience.
- Implemented microservices architecture, reducing system downtime by 20% and enhancing overall system scalability.
- Dedicated to staying ahead in the rapidly evolving tech landscape, I actively pursue continuous learning to incorporate emerging technologies and industry best practices.
- In the collaborative environment, I work seamlessly with cross-functional teams, ensuring unified efforts for the successful advancement of the project.

Senior Python Developer | Cloud Developer

Google India - Hyderabad, IN | August 2022 – March 2023

- Led the design, development, and optimization of routing algorithms using Python, ensuring high performance and scalability for a critical Google service.
- Spearheaded the creation of microservices in Python, seamlessly integrating them with existing systems at Google, and fostering a modular and extensible system architecture.
- Applied PySpark and Hadoop for big data processing, handling large datasets efficiently and ensuring scalable data processing.
- Collaborated closely with DevOps teams to implement CI/CD pipelines using Jenkins and Docker, with monitoring through Dynatrace.
- Integrated Dynatrace for application performance monitoring, ensuring optimal system performance.
- Utilized Kafka for efficient and fault-tolerant data streaming, enhancing real-time data processing capabilities.
- Conducted comprehensive code reviews, provided mentorship to junior developers, and actively contributed to coding

standards and best practices within the team.

- Employed agile methodologies, participated in sprint planning, and consistently delivered high-quality code, contributing significantly to the successful outcomes of the projects for Google.
- Utilized monitoring and logging tools for system reliability and performance, actively participating in root cause analysis and issue resolution.
- Engaged in cross-functional collaboration with product managers, UX designers, and quality assurance teams at Google, ensuring a holistic approach to project development and delivery.
- Actively participated in on-call rotations, addressing critical issues promptly, and implementing preventive measures to enhance system stability.
- Stayed abreast of industry trends, continuously learning and implementing new technologies to enhance the efficiency and effectiveness of the development process.

Full Stack Python Developer | DevOps Engineer

HSBC Software Development (India) Private Limited - Pune, IN | Dec 2016 – August 2022

- Led the development of sophisticated web applications and REST APIs using Python, Django, and Flask, tailored to meet HSBC's exacting standards for functionality and performance.
- Architected and executed flawless application deployments in cloud environments (AWS, Azure, or GCP), emphasizing scalability, reliability, and stringent security measures.
- Directed the fortification of Linux-based infrastructure, implementing advanced user management, permissions, and network configurations to establish a secure and resilient release environment.
- Applied analytical insights to optimize Linux server configurations, resulting in a marked improvement in release performance and system stability.
- Administered cloud platforms such as AWS EC2, Google Cloud Compute Engine, and Azure Virtual Machines, showcasing proficiency in deploying and managing applications at scale.
- Orchestrated seamless continuous integration, delivery, and build automation using Jenkins, Docker, and Kubernetes.
- Automated infrastructure activities with Ansible and integrated it with run deck for enhanced management.
- Implemented and maintained disaster recovery strategies, ensuring data integrity and system availability, with monitoring through Grafana.
- Configured and managed monitoring solutions such as Splunk for log analysis and troubleshooting.
- Configured AWS EC2 instances, optimized database setups using RDS, and orchestrated storage setups with S3 buckets, showcasing a knack for resource optimization and data resilience.
- Integrated Jenkins with Nexus, SonarQube, and Ansible, utilizing Kubernetes and Docker to architect a resilient CI/CD system that optimized build, test, and deploy workflows.
- Demonstrated experience in deploying and managing applications in private cloud environments.
- Administered private cloud deployments, including Rancher Axway, to facilitate efficient and scalable application deployment.
- Authored intricate JSON and YAML templates for Ansible automation, actively contributing to our GitHub repository. Additionally, crafted groovy scripts in Jenkins, enhancing configuration management.
- Utilized Kafka for building and managing data pipelines, ensuring reliable and scalable data streaming.
- Designed and maintained databases with Python, developing Python-based APIs using Flask and SQL Alchemy, contributing to the robustness of our backend systems.
- Applied PySpark for large-scale data processing, leveraging its capabilities for distributed data processing in real-time scenarios.
- Leveraged GraphQL for efficient and flexible API development, allowing for precise data retrieval and reducing over-fetching.
- Develop and automate ETL processes to extract data from various sources, transform it as needed, and load it into target databases. Utilize SQL scripts and tools like SSIS (SQL Server Integration Services) or Apache NiFi for data integration tasks.
- Plan and execute data migration projects to transfer data between different database systems or upgrade existing databases to newer versions. Ensure data integrity and minimal downtime during migration processes.
- Provide technical support and troubleshooting assistance to resolve database-related issues and incidents. Monitor database performance metrics, diagnose problems, and implement corrective actions as needed.
- Document database schemas, SQL queries, and procedures to facilitate knowledge sharing and maintain comprehensive documentation. Provide training and guidance to team members on SQL best practices and database management

techniques.

- Exhibited exceptional COMM updates and interpersonal skills, collaborating seamlessly with stakeholders, delivering transparent release status updates, and fostering consensus across interdisciplinary teams.
- Demonstrated acute analytical and problem-solving skills, identifying bottlenecks, optimizing processes, and elevating release engineering efficiency.

Python Developer

IBM India Private Limited - Hyderabad, IN | August 2012 – Dec 2016

- Played an instrumental role in developing and optimizing Python code, ensuring alignment with project requirements and industry best practices.
- Applied advanced knowledge of the Django framework to design and implement components, contributing to the establishment of a scalable and maintainable architecture for complex project needs.
- Engineered Python code for efficient data retrieval and manipulation, significantly enhancing system functionality and data processing capabilities.
- Worked closely with stakeholders to gather and distill project requirements, translating them into comprehensive high-level and detailed design documents.
- Designed and developed a robust data management system using MySQL, contributing to seamless data handling and storage efficiency.
- Conducted thorough code reviews via GitHub pull requests, actively participating in peer discussions to enhance code quality and maintainability.
- Collaborated seamlessly with Product Management and User Experience experts, ensuring alignment on project definition, schedule, scope, and key project-related decisions.
- Stayed abreast of evolving industry trends, incorporating new technologies and methodologies into project workflows for enhanced efficiency and innovation.
- Maintained effective communication with IBM business stakeholders, providing regular project updates, addressing queries, and ensuring client satisfaction throughout the development lifecycle.
- Collaborated effectively within the team, sharing insights and contributing positively to the group's dynamics and project outcomes.
- Proactively identified and resolved complex technical issues, ensuring the smooth progression of project milestones and timely delivery.

Education

Bachelor of Technology: Computer Science, 2010

JNTU – Hyderabad, India