

Maniteja Koppiseti

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Summary

Immediate Joiner - Experienced Python Developer and Software Engineer with 7+ years of expertise in designing, streamlining, and deploying scalable web applications. Skilled in cloud-based infrastructures, machine learning models, and dynamic web development using Python, Flask, and Django. Adept at building seamless REST API integrations, optimizing backend frameworks, and enhancing database management systems. Proficient in leveraging AWS, DevOps tools, and AI/ML frameworks like TensorFlow and LangChain. Proven track record of reducing server costs, boosting performance, and improving user engagement across diverse platforms. Eager to thrive in dynamic, multicultural environments.

Technical Skills

Programming Languages: Python, HTML, CSS, JavaScript, JSON

Frameworks & Tools: Flask, Django, React, Streamlit, TensorFlow, LangChain, PySpark, REST APIs

Backend Development: API development, server-side programming, microservices architecture, database optimization

Cloud Platforms: AWS (S3, Lambda, EC2, CloudWatch, CodePipeline), Azure

Databases: MySQL, PostgreSQL, MongoDB, DynamoDB

Big Data Tools: PySpark

Other Tools: Celery, RabbitMQ, Splunk, Datadog, Kafka

Soft Skills: Effective Team Collaboration, Leadership in Cross-Functional Environments, Stakeholder Engagement, Agile Methodologies Expertise.

Experience

Senior Consultant, (Deloitte India Pvt. Ltd.)

Hyderabad, India 12/2021 - 04/2025

- Designed and optimized a microservices architecture, reducing server load by 30% and improving overall performance by 25%.
- Developed PySpark pipelines to process large datasets, mitigating ETL processing time by 40%.
- Revamped scalable APIs and automated workflows, cutting processing time by 50%.
- Deployed machine learning models in production, streamlining workflows and improving operational efficiency by 15%.

Senior Software Developer, (Ecom Express Pvt. Ltd.)

Gurugram, India 10/2020 - 11/2021

- Delivered 3 e-commerce optimization projects, reducing order processing time by 35%.
- Optimized legacy systems and integrated third-party APIs, enhancing platform responsiveness and boosting user engagement by 70%.
- Automated repetitive workflows, reducing manual intervention by 40% and accelerating project timelines.

Machine Learning Engineer, (Navia Life care Pvt. Ltd.)

Gurugram, India 01/2020 - 09/2020

- Deployed 15+ machine learning features, amplifying user satisfaction by 55%.
- Optimized server performance by 45% by engineering predictive APIs with TensorFlow.
- Enhanced decision-making precision by 25% through the integration of AI-driven analytics.

Python Developer, (Rk Info Systems Pvt. Ltd.)

Hyderabad, India 09/2017 - 11/2019

- Developed a business intelligence platform that increased user engagement by 30% through enhanced data visualization.
- Engineered and deployed 25+ scalable APIs using Django REST Framework, improving server-side processing and database optimization by 40%.

Key Projects

Real-time Data Processing Pipeline: Engineered a PySpark-based pipeline for large-scale transaction data processing, incorporating microservices architecture to cut latency by 50%.

AI-Powered Recommendation System: Built a recommendation engine using TensorFlow, boosting user retention by 30%.

Scalable E-Commerce Platform: Migrated MySQL to Amazon Aurora, mitigating downtime by 40% and improving transaction speeds by 35%.

Dynamic Web Dashboard: Developed a real-time analytics dashboard using React and Django REST Framework, improving data visualization and reducing query latency by 50%.

Cross-Platform Healthcare App: Implemented an appointment booking app with Python and Django, reducing booking times by 25%.

Online Courses & Certifications

- AWS Certified Developer & Solutions Architect Associate - Udemy
- Executed AWS deployment models as part of certification.
- Machine Learning with Python - Udemy
- Analyzed a scalable ML model during Coursera's Machine Learning with Python course.
- Data Structures and Algorithms Specialization - Coursera

Education

B.Tech in Computer Science and Engineering

Kakinada, India 09/2011 - 06/2015

Jawaharlal Nehru Technological University

Visa Status

Visit Visa (valid until May 18, 2025)