Maniteja Koppisetti

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Summary

Experienced Python Developer, Software Engineer, and Python Specialist with 7+ years of expertise in designing, streamlining, and deploying scalable web applications. Cloud-based infrastructures and machine learning models. Engineered dynamic web applications using Python, Flask, Django, PySpark, with seamless REST API integrations, robust backend frameworks, and optimized database management systems. Able to leverage AWS, DevOps tools, and AI/ML frameworks like TensorFlow and LangChain. Proven ability to reduce server costs, enhance performance, and improve user engagement across diverse platforms.Open to relocating and thriving in multicultural, fast-paced 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
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 - Present*
- 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%.

Associate, *(Genpact India Pvt. Ltd.)* **Hyderabad, India** *02/2016 - 08/2017*
- Validated 100+ requests daily with 99% accuracy, ensuring data consistency across systems.
- Adapted to new methodologies, refining efficiency by 80%.

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