**Srikanth Kasula**Senior Software Engineer | Dallas, TX  
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# Professional Summary

Senior Software Engineer with 7+ years of experience delivering enterprise scale fintech and healthcare solutions, including secure payment platforms, AI-powered fraud detection, and high-performance APIs. Skilled in Python, Java, React, and AWS, with expertise in CI/CD automation, system scalability, and API security. Proven track record of leading cross-functional teams, optimizing performance by 40%+, and accelerating release cycles from weekly to daily. Adept at building, deploying, and integrating machine learning models (fraud detection, NLP chatbots) into production to enhance decision-making, automate workflows, and reduce operational costs.

# Technical Skills

Frontend: React.js, Angular, Vue.js, JavaScript, TypeScript, HTML5, CSS3  
Backend: Python, Java, FastAPI, Django, Flask, Spring MVC, Hibernate  
Databases: PostgreSQL, MySQL, Redis, Oracle, DB2  
Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), AWS CDK, Google Cloud, Docker, Kubernetes, Jenkins, Terraform  
AI/ML: TensorFlow, PyTorch, Scikit-learn, Natural Language Processing (NLP), Hugging Face  
Security: OAuth2, JWT, SAML, PCI DSS, HIPAA Compliance  
Tools: Git, GitHub, Bitbucket, Jira, Postman, Swagger  
Methodologies: Agile, Scrum, TDD

# Professional Experience

American Express |Senior Software Engineer  
Feb 2024 – Present | Remote | Phoenix, AZ

* Architected and deployed scalable APIs using FastAPI and Django to support secure payment processing, increasing transaction throughput by 25% and improving system reliability.
* Developed cross-platform dashboards with React, Angular, and Vue.js, reducing executive reporting time by 35% and enabling real-time decision-making.
* Built and deployed ML-based fraud detection and chatbot models using TensorFlow and Scikit-learn, reducing manual review workload by 60% and improving detection accuracy by 15%.
* Optimized PostgreSQL queries and implemented Redis caching to reduce system response times by 40% during peak loads.
* Mentored and guided junior engineers, improving code quality and delivery speed through code reviews and architecture best practices.
* Automated multi-region deployments with Docker, Kubernetes, and AWS CDK, reducing release cycles from weekly to daily.

ITC Infotech | Software Developer  
Jan 2020 – Aug 2022 | Hyderabad, India

* Developed a **Python/Django**-based equipment monitoring platform on **AWS**, enabling predictive maintenance, automated data collection, and secure reporting.
* Built **REST APIs** for event logging, backend processing, and integration with **jQuery UI**, ensuring secure content operations.
* Automated data extraction, validation, and transformation from **Excel**, **HTML**, and AWS sources into clean **JSON** for downstream analytics.
* Created **data visualization and analysis** reports using **Pandas**, **NumPy**, and **Matplotlib** to support operational decision-making.
* Implemented **multi-level access control** and alert systems with timestamped notifications to safeguard sensitive operational data.

JMR Infotech| Software Engineer  
June 2017 – Dec 2019 | Bangalore, India

* Developed and supported a web-based inventory management system using Flask, Django, and PostgreSQL, improving inventory tracking efficiency by 30%.
* Designed and implemented REST APIs to manage product and transaction data across multiple internal systems, reducing manual reconciliation time by 25%.
* Built and maintained interactive dashboards with Angular.js and jQuery to visualize stock levels and support operations teams.
* Partnered with QA and DevOps to ensure stable deployments and timely delivery in Agile sprints.
* Improved system usability and reduced onboarding time for new users through documentation and training.

# Education

Rivier University – Master’s in Computer and Information Systems | Sep 2022 – Dec 2023  
JNTU Hyderabad – B.Tech in Electronics & Communication Engineering | Aug 2013 – May 2017

**Certifications**

• Agentic AI Bootcamp (LangGraph, LangChain, RAG, Pydantic, Ollama) | Udemy | Jun 2025

• Wells Fargo Software Engineering Job Simulation | Forage | May 2025