SARVESVARA RAMAR

Software Developer

Chennai, Tamil Nadu | +91 9597519919 | sarvesvarasar@gmail.com | LinkedIn

Professional Summary

Results-driven Python Full-Stack Developer with hands-on experience in designing, developing, and deploying scalable web applications using the Django framework. Skilled in building efficient backend systems, integrating RESTful APIs, and developing dynamic front-end interfaces with React, JavaScript, jQuery, and AJAX. Proficient in database management using MySQL, Neo4j, and AWS Neptune, with a strong background in cloud infrastructure management on AWS EC2 and deployment configuration using Nginx and uWSGI. Experienced in web scraping, data automation, and Single Sign-On (SSO) and One-Tap Login. Known for delivering high-quality, maintainable solutions aligned with business objectives, leveraging modern DevOps and AI-assisted workflows for faster, smarter development.

Skills

Programming language:	Python, JavaScript, HTML5, CSS3, Shell Scripting
Databases:	MySQL, PostgreSQL, Neo4j, AWS Neptune, Snowflake
Cloud & DevOps Tools:	AWS (EC2, S3, Lambda, Bedrock, Route 53, CloudWatch), Nginx, uWSGI, Docker(Basic), Git, GitHub, CI/CD
AI & Automation:	LLM Integration (AWS Bedrock, DinoCloud LLMs), Retrieval-Augmented Generation (RAG), AI-assisted coding
Frameworks & Libraries:	Django, Flask, React.js, jQuery, AJAX
API:	RESTful APIs, Postman, Swagger
Other Tools:	Google Analytics & SEO, GCP
Soft Skills:	Team Management, Client & Stakeholder Collaboration, Problem-Solving & Analytical Thinking, Effective Communication

Experience

NEWPRODATA | Software Developer

Feb 2024 – Present

EMPLOYMENT PROJECT

- Designed, developed, and deployed Django-based applications following the MVT architecture, ensuring scalable and maintainable solutions.
- Managed Nginx and uWSGI configurations for seamless production deployment and improved system performance.
- Integrated AWS services (EC2, S3, Lambda, Bedrock, Route 53, CloudWatch) to deliver secure, scalable cloud-native solutions.
- Executed database migrations and optimized both relational (MySQL) and graph (Neo4j, Neptune) data models to enhance performance.
- Integrated multiple third-party APIs (Google Maps, ChatGPT, SendGrid, Twilio, PDL, InstaDB) to extend platform functionality.
- Developed automated web scraping pipelines using Selenium and Beautiful Soup to collect, clean, and integrate large datasets efficiently.
- Implemented AI-driven features such as RAG workflows and intelligent data retrieval using LLM and vector store integration.
- Developed responsive front-end components using React.js, jQuery, and AJAX, improving user interaction and accessibility.
- Implemented SSO and One-Tap Login to streamline authentication and boost user engagement.
- Managed email and SMS automation through SendGrid and Twilio for notifications and alerts.
- Oversaw AWS Route 53 DNS management and maintained Linux servers via SSH for secure, reliable deployments.
- Led client communication, requirements gathering, and progress updates, ensuring timely and successful project delivery.

Additional Hands-on Experience
- Configured CORS policies and implemented JWT authentication between Django and React for secure API communication.
- Managed Git repositories, version control, and collaborative workflows.
- Participated in project management, task allocation, and team coordination to ensure efficient delivery cycles.
- Administered Linux environments, performing system maintenance, updates, and package management.

EDUCATION

B.E. – Computer Science and Engineering | PSNACET | 2023 | CGPA: 7.7

AREA OF INTEREST

- Full-Stack Development
- LLM & AI Innovation
- Scalable Systems Design
- DevOps
- Cloud
- Web Scraping

VOLUNTEER EXPERIENCE

YOUTH RED CROSS CLUB :

Executive member of the Club and worked to create Awareness for AIDS