SRINIVAS GOLLAPALLI

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PROFESSIONAL SUMMARY

Software Engineer with 3.5 years of experience building scalable web applications using FastAPI, React.js, Node.js, Express.js, MongoDB, and SQL. Skilled in designing microservices, developing RESTful APIs, and implementing containerized solutions with Docker, Kubernetes, and CI/CD pipelines. Passionate about optimizing system performance and delivering robust solutions in Agile environments.

EXPERIENCE

Software Engineer | Launch Ventures   **Apr 2024 - Apr 2025**

- Built and maintained scalable FastAPI and Node.js APIs with dynamic React frontends, integrated Python services, LiveKit for real-time communication, and deployed via CI/CD with GitHub Actions to AWS (ECR, EC2).
- Implemented secure Auth0-based authentication and SSO, developed and integrated LLM-powered features using Groq API, including custom prompt flows and safety guardrails for AI responses, while collaborating on cross-functional cloud-based solutions.

Software Engineer | Anuyat   **Aug 2022 - Mar 2024**

- Designed scalable microservices with Node.js, FastAPI, and React.js integrated and optimized RESTful APIs, improving server response time by 15%.
- Deployed Dockerized applications via Jenkins CI/CD pipelines and enhanced system performance monitoring with Datadog.

Software Support Analyst / Process Executive | Cognizant   **July 2021 - June 2022**

- Developed Worked with engineering teams on geolocation tools using Python, JavaScript, and React for dashboards, API testing (Node.js), and automation of location validation.
- Supported QA and agile workflows by reporting anomalies, managing issues in Jira, and collaborating via Git version control.

SDE Intern | Gozo Technologies   **Dec 2020 - Jun 2021**

- Developed RESTful APIs with Node.js and JavaScript improved performance through efficient integration and debugging.
- Build Web Applications using React, nodejs, mongodb

EDUCATION

Bachelor of Technology (B.Tech) in Electronics and Communication Engineering
S.R.K Institute of Technology | Jul 2015 – Jul 2019

SKILLS

- Programming Languages: JavaScript, TypeScript, Python
- Technologies & Frameworks: Node.js, Express.js, FastAPI, Next.js, React.js, Angular, LiveKit, Auth0, Groq API, REST APIs
- Databases: PostgreSQL, MySQL, MongoDB, Redis
- Cloud Platforms: AWS (EC2, ECR, S3, Lambda, API Gateway, RDS)
- AI/Voice Technologies: Groq API, Prompt Engineering, Contextual Memory, Safety Guardrails, LLM Integration, ElevenLabs (TTS), Deepgram (STT)
- Tools: Git, GitHub, Docker, Kubernetes, Mocha, Jest, Webpack, Chrome DevTools, Jira, Trello, Confluence, Slack
- Containerization: Docker
- CI/CD: Jenkins, GitLab CI
- Methodologies: Agile, Scrum, Test-Driven Development (TDD)

PROJECTS

MeruLife — AI Companion for the Elderly

Tech Stack: FastAPI, React.js, Python, LiveKit, Auth0, Groq API, LLM, PostgreSQL, Docker, AWS EC2, ElevenLabs, Deepgram

- Led end-to-end development of the MeruLife platform, building scalable backend services (FastAPI) and dynamic frontends (React.js), with secure authentication using Auth0 SSO.
- Built real-time voice chat features integrating LiveKit (Python), ElevenLabs (TTS), and Deepgram (STT); managed user information and chat history with PostgreSQL using Prisma ORM.
- Deployed containerized services using Docker on AWS EC2; implemented LLM-based responses with Groq API using prompt engineering, contextual memory, and guardrails for safe, relevant AI output.

GlowingBud — eSIM CRM Solution

Tech Stack: React, TypeScript, Redux, Webpack, Express.js, MySQL, Python

- Developed a CRM solution using React and Express.js, improving page load times by 30% with code splitting and lazy loading.
- Optimized state management with Redux, ensuring a smooth and responsive user experience.
- Integrated Mocha and Jest for testing, ensuring high code coverage and stability.