

SAI NAGA PAVAN DHULIPUDI

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Summary

Detail-oriented Software Engineer with 2+ years of experience in full-stack development. Skilled in building scalable, secure, and user-friendly applications using Python (FastAPI, Flask, Django), and React. Proficient in integrating tools like JIRA, Jenkins, and Azure Boards with REST APIs. Experienced with generative AI models like GPT-4 and implementing JWT-based authentication for secure systems.

Technical Skills

- Python(Flask /FastAPI /Django)
- Java
- MongoDB
- SQL
- React
- Material UI
- HTML/CSS/JS
- Git
- AWS
- GenAi

Experience

- 09/2022 – Current
LTIMindtree
Hyderabad, India

Software Engineer

- Collaborated with a cross-functional team to develop Appscribe, an MVP web application.
- Streamlined tool integration of JIRA, Jenkins, and Azure Boards with Rest APIs.
- Integrated generative AI models, such as GPT-4 and GPT-3.5-Turbo.
- Crafted prompts for LLM models to generate desired outputs, enhancing the effectiveness of AI-driven responses and ensuring alignment with project requirements.
- Developed role-based user management, tools management, tenant management, and an admin module to enable granular permissions, simplify tool configurations, and support a multi-tenant architecture for enhanced system administration and scalability.
- Implemented JWT token authentication to ensure secure user access and dataprotection.

Education and Training

- 06/2022
Surampalem
B.Tech in Information Technology
Aditya College of Engineering And Technology

Personal Projects

iConnect – Social Media Application

- Developed a full-stack social media platform enabling users to follow/unfollow, upload posts, and engage via likes and comments.
- Implemented secure user authentication using JWT to ensure data protection and safe user logins.
- Designed and integrated a real-time chat system using Web Sockets for seamless communication between users.
- Built an AI-powered chat bot with image generation capabilities using LLM models, enhancing user engagement.
- Created a notifications system to alert users about likes, comments, and follow requests.

Certifications

- **AWS Certified Cloud Practitioner:** Achieved certification demonstrating foundational knowledge of AWS cloudservices, including core services, use cases, billing and pricing models, and security concepts.
- **HackerRank Python:** Achieved certification in Python, demonstrating strong coding skills and the ability todevelop efficient solutions using Python programming.

Websites, Portfolios, Profiles

- <https://www.linkedin.com/in/saipavandhulipdi/>
- <https://github.com/Sai-Naga-Pavan>