

Shaik Ahamed

AI and Software Engineer

✉ shaikahamed0509@gmail.com

☎ +91 9398148861

📍 Hyderabad, Telangana, India

PROFILE

Results-driven Software Engineer with hands-on experience in building, deploying, and automating scalable applications. Proficient in Python-based development, full-stack systems using Flask and React, and cloud-native deployments with Docker, Kubernetes, GitHub Actions, and Nginx. Experienced in developing API-driven solutions, managing SQL databases, and implementing CI/CD pipelines. Additionally skilled in AI-driven low-code platforms, leveraging Appian AI Skills for document extraction, workflow automation, and intelligent policy management. Highly adaptable, detail-oriented, and committed to delivering efficient, production-ready solutions.

SKILLS

Programming Languages: Python, Java, C/C++, JavaScript, SQL

Web Technologies: HTML/CSS, Flask, React

Databases: MySQL

Cloud & DevOps: Docker, Kubernetes, GitHub Actions, CI/CD Pipelines, Linux Server Deployment, AWS

Low-Code Platforms: Appian

PROFESSIONAL EXPERIENCE

Tech Tammina LLC., AI and Software Engineer

July 2025 – present | Hyderabad, TS, IND

- Designed and developed a Python-based **Conversion API** to automate file format transformation and document processing, reducing manual effort and improving turnaround time for file handling workflows.
[Python, Flask, FAST APIs, File Processing]
- Engineered a **full-stack Immigration Management System** to organize and track employee visa and immigration processes, enabling efficient case management and document handling.
[Python, Flask, React, MySQL]
- Improved deployment reliability and reduced release time by implementing **CI/CD pipelines using GitHub Actions**, automating build, test, and deployment workflows.
[GitHub Actions, CI/CD, Git]
- Containerized applications using **Docker** and deployed them on Linux servers with **Kubernetes orchestration** and **Nginx as a reverse proxy**, ensuring scalability, fault tolerance, and secure access.
[Docker, Kubernetes, Nginx, Linux]
- Designed and optimized **SQL database schemas** and queries, improving data retrieval performance and ensuring data integrity across applications.
[MySQL, SQL Optimization]
- Developed an **AI-driven Policy Management System** using **Appian**, automating policy comparison and report generation through intelligent document extraction.
[Appian, AI Skills, Intelligent Document Processing]
- Implemented complex business logic using **Expression Rules**, built interactive user interfaces, and automated end-to-end workflows using **Process Models**, significantly reducing manual intervention.
[Appian Interfaces, Expression Rules, Process Models, Record Types]
- Stored and managed case and policy data using Appian databases and record types, enabling structured reporting and audit-ready data access.

EDUCATION

NSRIT, *B.Tech. in Electronic & Communication Engineering*

Oct 2021 – April 2025 | Vizag, AP, IND

PROJECTS

Conversion API – File Processing Platform

Aug 2025 – Oct 2025

- Designed and developed a Python-based Conversion API to automate file format transformations and data processing workflows.
- Implemented FAST APIs for secure file upload, conversion, and download with robust error handling and logging.
- Optimized performance for handling multiple concurrent requests and large files.

[Python, Flask, FAST APIs, File Handling, JSON]

Immigration Management System

Sep 2025 – Nov 2025

- Built and deployed a full-stack immigration management application to organize and track employee visa processes.
- Developed backend services using Flask APIs and integrated a React-based frontend for seamless user interaction.
- Designed and managed SQL databases to store employee, case, and document data securely.
- Containerized the application using Docker and automated build and deployment using GitHub Actions CI/CD pipelines.
- Deployed the system on a Linux server with Nginx as a reverse proxy and Kubernetes for container orchestration.

[Python, Flask, React, MySQL, Docker, Kubernetes, GitHub Actions, Nginx, CI/CD]

AI-Based Policy Management System (Appian)

Dec 2025 – Jan 2026

- Developed an AI-driven policy management application using Appian to automate policy comparison and report generation.
- Leveraged Appian AI Skills for intelligent document extraction and data classification from policy documents.
- Implemented complex business logic using Expression Rules and built responsive user interfaces using Appian Interfaces.
- Designed Record Types and databases to store case and policy data efficiently.
- Automated end-to-end workflows using Process Models to reduce manual intervention and processing time.

[Appian, AI Skills, Intelligent Document Processing, Expression Rules, Interfaces, Process Models, Database Design]