Mohammed Imran

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github.com/Streak116

Experience

Associate Software Engineer, Pennant Technologies – Visakhapatnam, AP   August 2023 – Present

- Developed reusable UI components for a custom drag-and-drop builder using JavaScript and TotalJS, increasing development efficiency by 40%.
- Built dynamic UI components and forms using JavaScript, Angular, and TypeScript, ensuring consistency across projects.
- Orchestrated the migration of a legacy Spring Boot project to Node.js (NestJS), strengthening authentication protocols, enhancing security, and improving maintainability by 15%.
- Developed a drag-and-drop workflow builder with React, TypeScript, and Redux, generating structured JSON for dynamic event-to-action mapping, and accelerating workflow configuration.
- Delivered multiple Proof of Concept for HDFC Bank and GXS Bank (Singapore), directly contributing to successful client conversion and expanded business.
- Integrated RESTful APIs with robust validation and error handling; participated in Agile development and peer code reviews.

Associate Software Engineer Intern, Pennant Technologies – Visakhapatnam, AP   February 2023 – July 2023

- Completed intensive training in HTML, CSS, JavaScript, PostgreSQL, and Spring Boot, establishing strong full-stack foundations.
- Led a 5-member team to develop a bus ticket reservation system, overseeing planning, module allocation, and integration.
- Implemented core features such as route selection, seat booking, payment simulation, email notifications, and an admin management portal.

Projects

Profit Streak (2025 – Present)

- Built a Retrieval-Augmented Generation (RAG) system enabling real-time stock market insights, enhancing decision-making speed by 20%.
- Automated news ingestion, vector indexing, and semantic search using FAISS and SentenceTransformers, improving research efficiency by 40%.
- Developed a modern, responsive frontend with React, Next.js, and TypeScript.
- Engineered scalable APIs and asynchronous tasks using Django and Celery, ensuring real-time performance and reliability.

Technical Skills

Languages: JavaScript, Typescript, Java, Python, SQL

Front end: React, Angular, Redux, React-Flow(xy-flow)

Back end: Node.JS, NestJS, Spring Boot, Django

Database: PostgreSQL, MongoDB

Tools: Git, GitHub, Docker, AWS

Education

Maharaja Vijayaram Gajapathi Raj College of Engineering, Vizianagaram, AP   August 2020 – May 2023
Bachelor of Technology (B.Tech), Computer Science and Engineering

Sankethika Polytechnic College, Visakhapatnam, AP   August 2017 – May 2020
Diploma in Computer Science and Engineering