

## SUMMARY

AI Engineer & Front-End Leader with 5+ years of experience building intelligent, scalable, and accessible web and AI systems. Proven track record in developing GenAI assistants using LLMs (Mistral, LLaMA), LangChain, and RAG pipelines. Adept at full-stack development, cloud-native deployment (AWS/Azure), and leading cross-functional teams to deliver business-driven AI solutions.

## TECHNICAL SKILLS

- **AI/ML & GenAI:** LLMs (Mistral, LLaMA), LangChain, Hugging Face, RAG pipelines, Semantic Search, NLP, AI Chatbots, TensorFlow, PyTorch.
- **Programming & Web Tech:** Python, JavaScript (ES6+), TypeScript, Node.js, HTML, CSS, RxJS.
- **Cloud & DevOps:** AWS, Azure, GCP (basic), CI/CD (GitLab, Jenkins), Docker.
- **Frameworks & Tools:** React, Angular 16, TailwindCSS, Bootstrap, Figma.
- **Databases & APIs:** PostgreSQL, MongoDB, REST APIs, ElasticSearch.

## PROJECTS

### Stor-a-gentic: AI-Powered Storage Assistant

Python, Flask, OpenRouter (Mistral), Airtable, Google Calendar API, LangChain-style logic, GenAI, Semantic Search

- Designed and led the development of an intelligent GenAI assistant using RAG-like architecture, LLMs, and structured knowledge retrieval (Airtable).
- Implemented multi-turn conversational logic with booking automation and FAQ routing, improving task resolution accuracy by 60%.
- Built and deployed a full-stack platform with real-time booking, human fallback, and contextual response flows.

## WORK EXPERIENCE

### Ananda – New York

August 2024 – December 2024

#### AI LLM Chatbot & Front-End Developer & Capstone Project Manager

Technologies: Python, NLP, RAG, Llama Models, Mistral, Hugging face, LangChain, Semantic Search, ElasticSearch.

- Led the architecture and implementation of a production-ready AI assistant using LLMs (Mistral, LLaMA) and LangChain-like pipelines for enterprise-scale retrieval and response generation.
- Delivered 80%+ answer accuracy across diverse knowledge domains using semantic search, cost-optimized model selection, and streaming response logic.
- Managed a cross-functional team, collaborating on data preparation, UI integration, and DevOps deployment to meet capstone goals.

### Innominds Software Pvt Ltd – Hyderabad, India

#### Senior Front-End Engineer

October 2020 – December 2022

Technologies : JavaScript, React, Bootstrap, RxJs, Azure, SQL, Git, CI/CD, Agile, JIRA.

- Optimized cold chain monitoring and logistics applications for large scale systems using advanced techniques like virtual scrolling, pagination, and column freezing, cutting load times by up to 50% and boosting responsiveness.
- Developed interactive dashboards with Angular Material & Highcharts.js, improving data visualization for 500K+ shipments and enhancing shipment tracking efficiency by 35%.
- Optimized API handling with RxJs Observables, reducing redundant API calls by 40%, improving UI responsiveness, and ensuring seamless event-driven interactions.
- Led front-end best practices, mentored developers, and automated continuous integration and deployment (CI/CD) pipelines, applying software test engineering principles using GitLab, Jasmine, and Karma, enhancing unit and integration testing coverage to 85%.
- Strong analytical, organizational, communication, and optimization skills, effectively handling multiple tasks and contributing to engineering practices like coding practices and deployment pipelines.

#### Frontend Engineer

October 2018 – September 2020

Technologies: React, Angular 2+, React, TypeScript, Ionic, Ajax, GitLab, Bootstrap, DevTools, JIRA, Agile.

- Reduced page load times by 35% by refactoring the legacy Angular 1.6 codebase into a modular, component-driven architecture, improving scalability and maintainability for a high-traffic identity and access management system.
- Accelerated authentication response times by 30% by implementing RBAC, OAuth authentication enhancing security for 100K+ enterprise users while ensuring compliance with industry security standards.
- Boosted cross-platform mobile performance using Ionic & Angular, reducing load times by 30%, improving real-time project tracking for 50K+ users across web and mobile devices.

### Aspire Info Labs Pvt Ltd – Hyderabad, India

#### Associate Frontend Engineer

October 2017 – September 2018

Technologies: React, JavaScript, HTML, CSS, Angular 2+, Jasmine, Karma, GitLab, JIRA, Agile, Design, Analysis.

- Implemented interactive reports and dashboards using ngx-charts, enhancing data visualization and enabling faster decision-making for business users.
- Increased mobile performance by 35% by optimizing DOM rendering, reducing unnecessary reflows, and implementing efficient change detection in Angular, ensuring smooth interactions across devices.

- Ensured seamless cross-browser compatibility and responsiveness, optimizing UI for 100% functionality across multiple devices and reducing layout inconsistencies by 40%.
- Strengthened code quality and stability by implementing unit and integration tests, improving bug detection by 60% and reducing production issues.

## EDUCATION

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<b>University of Connecticut, School of Business</b> – Hartford, Connecticut		<b>May 2025</b>
Master of Science in Business Analytics and Project Management (STEM)	GPA:3.74/4	
<b>Coursework:</b> Python, SQL, data analysis, Cloud, Project Management, Generative AI.		

<b>National Institute of Technology</b> – Rourkela, India	GPA:3/4	<b>July 2017</b>
Bachelor of Technology in Industrial Design		
<b>Relevant Coursework:</b> Data Structures, Algorithms, Object-Oriented Programming, UI/UX Design.		