

Anees Saheba Guddi

San Jose, CA, USA +1-669-292-9925 aneessaheba.guddi@sjtu.edu linkedin.com/in/anees-saheba/ github.com/aneessaheba

EDUCATION

San José State University, San Jose, CA, USA

Master of Science in Applied Data Intelligence

Jan 2025 – May 2027

GPA: 3.5/4.0

Relevant Coursework: Gen AI LLMs, Agentic AI, Machine Learning, Deep Learning, Big Data Algorithms, Distributed Systems, Scalable Data Platforms

Visvesvaraya Technological University, Karnataka, India

Bachelor of Engineering in Information Science and Engineering

Aug 2019 – Jun 2023

GPA: 7.9/10.0

Relevant Coursework: Data Structures and Algorithms, Database Systems, Software Engineering

SKILLS

Generative AI & LLMs: Gen AI APIs, Prompt Engineering, LangChain, LangGraph, Tool Calling, RAG, Vector Databases

Machine Learning & Deep Learning: Supervised/Unsupervised Learning, Neural Networks, Feature Engineering

Programming & Frameworks: Python, SQL, PyTorch, scikit-learn, NumPy, Pandas

Data & Cloud Systems: FastAPI, Docker, AWS (Sagemaker, EC2, S3), PostgreSQL, MongoDB

Tools: Git, Tableau, Jupyter

PROJECTS

Distributed Kayak Travel Booking System | FastAPI, Kafka, MySQL, MongoDB, Redis

Fall 2025

- Built a distributed travel booking system inspired by Kayak supporting search, booking, billing, and analytics for flights, hotels, and cars.
- Designed backend microservices using FastAPI, Kafka, and relational + NoSQL databases (MySQL, MongoDB, Redis).
- Developed an AI-powered recommendation service for personalized travel deals and real-time updates.
- Implemented scalable infrastructure and service communication for resilient, high-throughput operations.

Airbnb Prototype with Agentic AI | LangChain, FastAPI, React, MySQL

Fall 2025

- Built a full-stack Airbnb-style platform with property listings, bookings, and secure authentication.
- Designed an Agentic AI Concierge using LangChain to generate personalized travel plans, recommendations..
- Integrated LLM-driven workflows with backend APIs for context-aware, goal-oriented user interactions.

Multi-Agent Blog System | Ollama, Docker, AWS ECS, HTML/CSS/JS

Fall 2025

- Built a multi-agent workflow using Ollama LLMs (Planner, Reviewer, Finalizer) for automated blog content creation.
- Developed a web front-end for blog submission with HTML, CSS, and JavaScript, including JSON handling.
- Deployed it using Docker containers and AWS ECS, integrating lightweight local LLMs ('smollm:1.7b', 'Phi3:mini')
- Generated automated outputs including tags, summaries, and a publishable content package, showcasing integration of AI agents with cloud and web technologies.

Stock Data ETL & Data Warehouse Pipeline | PostgreSQL, Docker, ETL, Dimensional Modeling

Spring 2025

- Built an ETL pipeline for stock market data using Python, integrating multiple sources and automating data ingestion.
- Designed a dimensional data warehouse in PostgreSQL for structured financial analysis and reporting.
- Implemented Dockerized workflows for reproducible deployments and efficient environment management.
- Developed analytics dashboards and SQL queries for stock trends, financial KPIs, and company-level insights.

WORK EXPERIENCE

Hewlett Packard (HP)

Bengaluru, India

Software Development Engineer

Jul 2023 – Aug 2024

- Implemented rule-based chatbots for Printer Customer Support to guide users through common troubleshooting
- Prepared and organized data from customer support transcripts and internal troubleshooting documents
- Performed basic text cleaning and keyword extraction to map user queries to predefined intents
- Built decision-based conversation flows using simple rules, conditional logic, and fallback responses
- Integrated chatbot logic with backend support APIs to fetch device status and recommended actions
- Conducted limited exploration with early LLM tools to assess potential improvements in response quality and coverage

Pheuna Technology

Bengaluru, India

Software Engineer Intern

May 2022 – Aug 2022

- Designed RESTful APIs using Node.js and Express with Sequelize ORM for real-time event-driven systems
- Implemented Kafka producers and consumers for distributed message processing
- Built a cross-platform mobile dashboard using React and Ionic for real-time monitoring