

SUJITH PUTTA

✉ sujithputta02@gmail.com ☎ +91 7386777701 📍 Bangalore, India 🌐 LinkedIn 🐙 GitHub

PROFESSIONAL SUMMARY

Computer Science and Technology undergraduate with hands-on experience building and shipping production-grade features using Python/FastAPI, React/TypeScript, and REST microservices on Azure and AWS. Proven track record delivering scalable backend APIs, CI/CD pipelines, and component-driven frontends across multiple end-to-end projects. Hands-on experience with Docker, Git workflows and AI-assisted development tools, such as Claude Code, Kiro, Antigravity and Gemini AI. Looking to get on board with a fast-paced SaaS engineering team.

EDUCATION

Bachelor of Technology — Computer Science and Technology,

Dayananda Sagar University

2023 – Present
Bangalore, India

- CGPA: 8.92
- Relevant Coursework: Full Stack Development, Computer Network Fundamentals, Data Structures & Algorithms, Object-Oriented Programming, DBMS, Python, MySQL, System Design Basics, Data Engineering

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Java, C

Frontend: React.js, TypeScript, Tailwind CSS, HTML5/CSS3, Vite, component-driven UI, Figma (UI/UX)

Backend: FastAPI, Node.js, Express.js, REST APIs, GraphQL, Microservices, SOLID principles

Databases: MySQL (SQL, JOINS, query optimization), MongoDB (NoSQL), FAISS (vector), Neo4j (graph)

Cloud & DevOps: Microsoft Azure, AWS, Docker, GitHub Actions CI/CD, Linux (Ubuntu)

Security: OWASP Top 10, JWT auth, RBAC, rate limiting, Zod/Joi validation, Helmet.js, CORS

AI & Tools: Gemini AI, Kiro, Antigravity, Cursor, Claude Code, Ollama (LLaMA 3), RAG pipelines, scikit-learn, pandas, PyTorch

PROJECTS

DineInGo — Restaurant & Event Reservation Platform [🔗](#),

Tech Stack: React, TypeScript, Tailwind CSS, Node.js, Express, MongoDB, Firebase

- Engineered a full-stack reservation system with a React/TypeScript/Vite frontend and modular Node.js/Express REST APIs across 20+ endpoints
- Applied full OWASP Top 10 security controls: JWT auth, rate limiting (100 req/15 min), Zod input validation, Helmet.js headers, and strict CORS policies
- Integrated Firebase Auth, Firestore, and MongoDB for multi-tiered data management with cross-browser-compatible UI

NEXORA - Sovereign Hybrid RAG for Air-Gapped Aerospace Intelligence (under Review - NMITCON 2026) [🔗](#),

Tech Stack: Python, FAISS, Neo4j, FastAPI, Ollama (LLaMA 3), REST APIs, RBAC, JSON, YAML

- Architected an offline RAG system for secure document query processing using FAISS (vector) and Neo4j (graph) stores with fault-tolerant retrieval pipelines
- Achieved sub-second query response times via FAISS + MMR retrieval, outperforming standard KNN – validated via ablation benchmarks
- Implemented RBAC and structured validation to enforce data security across isolated, air-gapped environments

Life Flow AI — Microsoft Imagine Cup 2026 [🔗](#),

Tech Stack: FastAPI, React.js, TypeScript, Azure, Docker, GitHub Actions

- Designed and deployed containerized RESTful microservices (FastAPI + Docker) on Microsoft Azure, serving concurrent users across a scalable distributed architecture
- Built end-to-end CI/CD pipeline via GitHub Actions, automating testing and deployment — reducing release cycle time by ~70%
- Built a reusable component-driven React workflow engine optimized for performance and scalability

CERTIFICATIONS & ACHIEVEMENTS

AWS Academy Graduate — Cloud Foundations Training Badge [🔗](#), *AWS*

Implement CI/CD Pipelines on Google Cloud — Skill Badge [🔗](#), *Google*

Kaggle 5-Day AI Agents Intensive Course — Completion Badge [🔗](#), *Kaggle*

NASA Space Apps Challenge — Global Participant (2024 & 2025), *NASA*

Accenture Nordics — Software Engineering Job Simulation [🔗](#), *Accenture*

DBT Fundamentals [🔗](#), *dbt Labs*