ABHISHEK DANGI

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SUMMARY

Results-driven **Backend Software Developer** with hands-on experience in designing, developing, and optimizing **scalable RESTful APIs** and backend services using **Python and FastAPI**. Strong expertise in **Software Development Life Cycle (SDLC)**, **System Design**, **Object-Oriented Programming (OOP)**, **Data Structures & Algorithms (DSA)**, and **Database Optimization**. Proven ability to build **secure, high-performance, production-ready systems**. Passionate about clean code, automation, performance tuning, and solving real-world engineering problems.

WORK EXPERIENCE

Software Engineer Intern   Jan 2025 – July 2025
Codely.ai – Bengaluru, India

- Developed production-ready applications using **Python**, improving system performance and functionality
- Followed full **SDLC lifecycle** including requirement analysis, system design, implementation, testing, and deployment
- Designed and integrated **SQL-based database modules** for efficient and secure data handling
- Used **Git and GitHub** for version control, branch management, and team collaboration

EDUCATION

Bachelor of Engineering in Computer Science and Engineering | CGPA: 7.5   Dec 2020 – May 2024

V. P. Dr. P. G. Halakatti College of Engineering and Technology, Vijayapura

Pre-University (PU) in science| Percentage: 80%   May 2018 – May 2020

Vagdevi Vikas PU Science College, Mudhol

TECHNICAL SKILLS

- **Programming:** Python, Java, JavaScript, SQL, Object-Oriented Programming, DSA.
- **Backend Development:** FastAPI, REST APIs, Microservices, JWT, OAuth2, JSON.
- **Databases:** MySQL, SQL Queries, Normalization, Database Design, Query Optimization.
- **Tools & Technologies:** Git, GitHub, Postman, Visual Studio Code, Linux Basics.
- **AI Engineer:** LLM,GenAI, VectorDB, FAISS/Pinecone, OpenAI, Langchain.
- **Soft Skills:** Problem-Solving, Communication, Team Collaboration, Time Management, Adaptability

PROJECTS

➢ **LLM-based RAG System for Document Intelligence** ☉   May *2025 – July 2025*

- Built a complete RAG pipeline to search and retrieve information from unstructured documents.
- Implemented vector embeddings and semantic search using FAISS/Pinecone, increasing retrieval accuracy by **40%**.
- Integrated transformer-based LLMs to produce accurate, context-aware responses.
- Designed modular pipelines for ingestion, vector generation, retrieval, and ranking.

➢ **AirTech ERP Ticket Booking System** ☉   March 2025 -May 2025

- Developed core backend APIs that supported real-time ticket booking for airlines, hotels, and agencies.
- Optimized routes using FastAPI async features, reducing latency and improving performance.
- Added robust authentication and authorization (JWT/OAuth2), strengthening partner integration security.
- Integrated backend APIs with dashboards used by internal teams, improving workflow efficiency.

CERTIFICATIONS

- AI Engineer Certification -2025 (ORANTS Organization)