Anubhuti Verma

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Senior Software Engineer | AI & Microservices Specialist **8 years of experience** designing high-performance enterprise platforms that generated **$6M+ in revenue**. **Architected AI-driven agents** and chatbots that slashed manual labor by 70% and transformed reporting timelines by 85%. Technical lead expert in **System Design** , **Full-Stack Observability** , and translating intricate business requirements into scalable, automated technical solutions.

SKILLS

- **Languages:** Python, JavaScript
- **Framework & Infra:** Node.js, FastAPI, Express.js, React, TypeScript, Microservices, REST
- **Distributed Systems & Data:** ETL, Data Warehousing, System Design, Event-driven architecture
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), Docker, CI/CD, Azure
- **AI & ML:** Google ADK, LangChain, LangGraph, Prompt Engineering, Vector DB, RAG
- **Databases:** PostgreSQL, MongoDB, Redis, DuckDB, ChromaDB

WORK EXPERIENCE

Senior Software Engineer (2019 - Present)
SenseHawk (Reliance Industries Limited), Abu Dhabi, UAE

- **GenAI:** Designed and shipped Navix, a production AI agent leveraging Google ADK and LLMs. Led agent orchestration and data-flow design, enabling natural-language access to operational data and cutting reporting effort from ~1 week to under 1 minute.
- **Data & Analytics:** Architected and owned a high-throughput ETL and analytics platform using Python, FastAPI, and PostgreSQL. Successfully reduced analytics latency from 48 hours to 30 minutes, powering near-real-time Power BI dashboards through continuous performance tuning.
- **System Architecture:** Implemented event-driven architecture foundations by building Kafka-like consumer group semantics on ActiveMQ + STOMP, forming the core backbone for asynchronous workflows across the SaaS platform.
- **Product Impact:** Built and maintained a geo-based ticket management system handling 50,000+ monthly field tasks, which improved uptime SLAs and reduced on-site reporting effort by 50% for solar clients.
- **Workflow Automation:** Delivered a version-controlled document management system used by 150+ enterprise users, reducing approval cycles by 50% and minimizing email-based workflows.
- **Leadership:** Collaborated cross-functionally with global teams (US, EU, UAE) and mentored junior engineers while improving engineering standards and CI/CD automation.

Backend Developer (2018 - 2019)
Shanghari Global, New Delhi, India

- **Blockchain Integration:** Built "Reneum", a blockchain-based renewable trading platform using Node.js and MongoDB.

EDUCATION

B.Tech, Computer Science and Engineering - Ajay Kumar Garg Engineering College, AKTU (GPA: 9/10)

ACHIEVEMENTS

- **Google Summer of Code 2017, FOSSASIA** – Developed UI modules for Open Event platform
- **Google India Challenge Scholar** – Recognized for mobile web innovation