ABHINAV DANG

Software Engineer

CAREER SUMMARY

Results-driven Software Engineer with strong experience in Python, REST API development, SQL, file-handling, backend systems, and full stack engineering. Proven ability to design scalable architectures, build enterprise-grade backend modules, and deliver production-ready applications.

EXPERTISE

Python Backend Development | SQL & Oracle Database Engineering | Angular and React Integration with REST Services | Node.js/Express Microservices | Frontend Integration for SPA/PWA using headless backend APIs | API Design & Documentation | Agile/SAFe, Scrum & Stakeholder Collaboration

TECHNICAL SKILLS

Python | React.js | Node.js | Express.js | Angular | REST | Oracle | MongoDB | Docker | Kubernetes | Kafka | NATS | Firebase Auth | PHP | Laravel

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER | Contevolve | Jan 2025 – Till Date

REAL-TIME KPI ANALYTICS PLATFORM

- Designed and implemented backend modules in Python for real-time KPI computation across large transit datasets.
- Built RESTful API endpoints for KPI retrieval, reporting, and configuration ingestion.
- Developed scalable file-handling utilities for parsing, validating, and loading operational data.
- Engineered configuration modules reading from files, environment variables, and Oracle database tables.
- Constructed real-time metric calculation pipelines for telemetry, events, and scheduling data, crafted optimized Oracle SQL queries using joins, partitions, bind variables.

MULTIPLAYER GAMIFIED QUIZ PLATFORM

- Developed a production-ready multiplayer quiz platform using the MERN stack and Unity player.
- Integrated REST APIs for quiz lifecycle management using MongoDB and Firebase.
- Developed a SHA256-based URL shortener with collision handling, built smooth 3D interactions based on client requirements.
- Work with project teams to resolve complex technical issues.
- Contribute to the development environment, conduct effective code reviews, recommend the most optimal tools, and ensure functional compliance.

EDUCATION

BACHELOR'S DEGREE | B. Tech. in Computer Science