

Sushil Sunil Urkude

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Summary — Experienced Software Developer with expertise in authentication, automation, and cloud solutions. Proficient in FastAPI, MongoDB, MySQL, AWS, and Oracle Cloud, with a strong focus on performance optimization and security.

Skills

Programming Python, C++	Protocols REST API, Websockets
Cloud AWS, Oracle Cloud	Developing Tools Pytest, Docker, Jenkins, Postman, JIRA,
Frameworks FastAPI, Flask, Django, Kafka	Bitbucket
Databases MongoDB, OracleDB, MySQL	

Experience

Decimal Point Analytics

Oct 2022 – Current

Senior Software Engineer

OAuth Implementation

- Engineered OAuth2 authentication for internal products using FastAPI and ReactJS, reducing login issues by 30
- Integrated authentication flow across distinct databases, optimizing data storage efficiency by 20

Client: News Automation

- Developed FastAPI APIs for processing diverse news data, reducing response time by 25
- Built WebSocket functionality for real-time news updates, increasing user engagement by 40
- Managed AWS UAT and PROD servers, achieving 99.9
- Optimized MongoDB queries, reducing data retrieval time by 15
- Implemented Apache Kafka for scalable, fault-tolerant data streaming, improving data throughput by 50
- Collaborated with cross-functional teams, aligning 100
- Maintained consistent system performance, scaling to handle 2x increase in user load

Additional Contribution

- Built FastAPI backend and ReactJS frontend for various projects, cutting development time by 30
- Efficiently managed both MongoDB (NoSQL) and MySQL (SQL) databases, reducing query latency by 20
- Deployed Redis cache, improving API response times by 50
- Introduced new product features for personalized news fetching, increasing user satisfaction scores by 15
- Coordinated with multidisciplinary teams for iterative improvements, achieving faster delivery by 10
- Resolved critical issues, maintaining platform stability with zero major outages
- Utilized Git for systematic version control, reducing code conflicts by 25
- Created detailed project documentation, enhancing onboarding efficiency for new team members by 40

Project

E-commerce Platform Development

- Design and developed a full-stack e-commerce platform using React and FastApi
- Integrated a payment gateway and implemented secure user authentication
- Optimized database queries reducing page load time by 40

Education

MET Institute of Engineering

Bachelor in Computer Engineering

9.06 CGPA

Certifications

Programming in Python by IBM

- Covered core Python programming concepts, including data structures, algorithms, and object-oriented programming

AI Generative Certificate by Oracle

- Acquired knowledge in AI generative models, machine learning algorithms, and their applications in real-world scenarios