Sushil Sunil Urkude

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Professional Summary_____

Experienced Software Developer specializing in authentication systems and automation solutions. Proficient in FastAPI, ReactJS, and various databases including MongoDB and MySQL. Skilled in managing AWS and Oracle Cloud infrastructures, with expertise in EC2, S3, and Object Storage. Demonstrated ability to enhance system performance and security. Strong collaborator with a commitment to continuous improvement and learning, supported by certifications in Python, data analytics, and AI generative models.

Education_____

Nashik, India
June 2018 - July 2022

MET's Institute of Engineering
Bachelor of Computer Science (BE) | 9.06 CGPA

Work Experience_____

Nashik, India
Oct 2022 - Present

Decimal Point Analytics - Senior Python Developer

OAuth Authentication Development:
- Engineered OAuth2 authentication for internal products using FastAPI and React.js.
- Integrated authentication flow with distinct databases, optimizing data storage.
- Collaborated with cross-functional teams to align authentication systems with product requirements.

News Automation - Client Project:
- Developed FastAPI APIs for processing diverse news data, implementing efficient data transformation.
- Built WebSocket functionality for real-time news transfer, enhancing communication.
- Managed AWS servers (UAT and PROD), ensuring system availability and reliability.
- Optimized MongoDB queries, reducing processing time by 10-15%.
- Implemented Apache Kafka for fault-tolerant data streaming, enhancing system scalability.
- Collaborated with cross-functional teams to align system functionalities with client requirements.
- Maintained system performance, ensuring scalability and reliability.

Additional Contributions:
- Utilized FastAPI backend and ReactJS frontend for various projects.
- Efficiently handled both non-relational (MongoDB) and relational (MySQL) databases.
- Implemented Redis cache for performance optimization.
- Introduced new product versions for fetching news based on preferred sources.
- Worked closely with multidisciplinary teams for iterative improvements.
- Addressed challenges to ensure platform reliability.
- Utilized Git for systematic tracking of changes.
- Created comprehensive project documentation for knowledge transfer.

Skills and Interests _____

Technical Skills:
- Programming Languages: Python, JavaScript, HTML
- Frameworks and Libraries: FastAPI, ReactJS, Django, NodeJS, Kafka
- Databases: MySQL (relational), MongoDB (non-relational), Redis (caching)
- Cloud Platforms:
  - Amazon Web Services (AWS): EC2, S3, AWS Fundamentals
  - Oracle Cloud Infrastructure (OCI): Compute, Object Storage, OCI Fundamentals
- Tools and Technologies: Docker, Git, GitHub, Bitbucket, JIRA, Postman, Visual Studio Code (VS Code)
- API Development: RESTful APIs, WebSockets
- Data Streaming: Apache Kafka
- Authentication: OAuth2

Soft Skills:
- Decision Making: Proficient in analyzing situations and making data-driven decisions.
- Leadership: Demonstrated leadership in project development and team collaboration.
- Emotional Intelligence: Skilled in understanding and managing personal and team emotions.
- Conflict Resolution: Effective in resolving conflicts and fostering a collaborative environment.
- Adaptability: Highly adaptable to new technologies and methodologies.
- Problem-Solving: Strong analytical and troubleshooting abilities.
- Collaboration: Experienced in working with cross-functional teams to achieve project goals.
- Communication: Excellent verbal and written communication skills.

Certifications and Training _____

- **Programming in Python by IBM**
  - Covered core Python programming concepts, including data structures, algorithms, and object-oriented programming.
- **Data Analytics Professional by Google**
  - Gained skills in data analysis, data visualization, and data-driven decision making using tools like SQL and R.
- **AI Generative Certificate by Oracle**
  - Acquired knowledge in AI generative models, machine learning algorithms, and their applications in real-world scenarios.