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# SANDEEP KOKARE (Sr. Python developer)

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## PROFESSIONAL SUMMARY

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I have engineered robust RESTful APIs using Flask/Fast-API, significantly enhancing system efficiency by optimizing HTML, CSS, and JavaScript for an improved user experience. Proficiency with agile methodologies, including Spring Core and MVC, and daily Scrum facilitation, has expedited project delivery and reduced defects by 50%. Have effectively managed Django forms and SQLite databases, gaining deep business process insights and substantially increasing efficiency. Collaborative skills are highlighted by successful API integrations and advanced logging implementations, leading to a notable increase in team productivity and system robustness.

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## SKILLS

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- PostgreSQL, SQL Alchemy, Alembic
- Flask, FASTAPI, Python AWS automation, RESTful services
- AWS Lambda, Azure Function, Data Factory, ADX, Sentinel, Kubernetes, EventHub, Blob Storage
- NumPy, pandas, OpenCV, web sockets, elastic search
- Airflow, StackStorm, Redis, Celery,
- Databricks (beginner-level), Generative-AI LLM

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## WORK HISTORY

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**UST Global** - Pune, India

**Sr. Python Developer**, 09/2021 - Current

- **Worked on HTTP and WebSocket protocols**, facilitating over 10,000+ data exchanges daily and ensuring seamless full-duplex communication across multiple web applications.
- Accomplished **AsyncIO and orchestrated 50+ complex data pipelines** using Apache Airflow, reducing process latency by 40% and enhancing workflow efficiency.
- **Managed codebase across 5+ development teams** with Bitbucket and orchestrated 20+ applications using Kubernetes, improving deployment speed by 30%.
- **Conducted big data analytics with Azure Data Explorer** on datasets exceeding 1TB and processed 100,000+ events per hour with Azure Event Hubs for real-time insights.
- **Flask hexagonal Architecture for Events Booking system**, creating different REST API services for all clients based on same content provider schema
- **Working on generative-AI to research** client request to identify the customer behavior and use this request to train the model in LLM

**SMS Group India** - Pune, Maharashtra

**Python Developer**, 12/2020 - 09/2021

- **Collaborated in design and rollout** of application frameworks using Fast API, enhancing request handling efficiency by 20%.
- **Build REST APIs** with Fast API, enabling seamless frontend integration and supporting 15,000 daily

userinteractions.

- **Directed lifecycle management** of machine learning models within a data factory, training on 500+ GB of customer data to optimize outcomes.
- **worked and managed database migrations** with PostgreSQL, Alembic, and SQL Alchemy, improving data retrieval speeds by 30%.

#### **Gartner (Zuora order billing system)**

- **Designed and implemented serverless workflows** using AWS Step Functions, Lambda, DynamoDB, and SQS, orchestrating complex, event-driven processes that improved system reliability and scalability.
- **Developed and managed 10+ AWS Lambda functions**, integrating with DynamoDB and SQS to process and route over 15,000+ messages daily, achieving seamless data flow and reducing processing time by 35%.
- **Architected and deployed stateful workflows** utilizing AWS Step Functions, enabling coordinated execution of multiple Lambda functions and reducing manual intervention by 50%, enhancing overall operational efficiency.

### **Xpanxion - Pune, MH**

#### **Python Developer, 02/2020 - 12/2020**

- **Crafted and integrated automation scripts** with Stack Storm and SIEM systems, automating responses to over 1,000 monthly events, reducing manual intervention and enhancing system efficiency.
- **Orchestrated pack management and container orchestration** within Stack Storm and Kubernetes, improving platform extensibility and deployment times by 50%.
- **Spearheaded third-party application integrations and security policy enforcement** for Azure Data Explorer, securing data access for 500+ users and facilitating enhanced operational functionality.
- **Mentored 30+ juniors and translated complex technical concepts** to foster professional development and enhance team capabilities in understanding and managing advanced technological frameworks.

### **Accenture - Mumbai, MH**

#### **Python Developer, 01/2017 - 02/2020**

- **optimized robust RESTful APIs** using Django and streamlined web front-end elements (HTML, CSS, JavaScript), enhancing system functionality and user experience, which led to a 30% increase in efficiency and a 20% improvement in page load speed.
- **Constructed and administered Django and SQLite database**, while acquiring deep insights into end-to-end business processes, thereby boosting system robustness and reducing data retrieval times by 25% and enhancing overall process efficiency by 15%.
- **All Agile methodologies with technologies like Spring Core, Spring MVC, and AngularJS, Elastic Search** facilitating daily Scrum stand-ups that improved team collaboration and project delivery speed by 40%, and significantly reduced post-deployment defects by 50%.
- **Collaborated with mixed scrum teams and led API development**, enhancing logging capabilities with sl4j and simplifying data storage solutions, which resulted in a 35% improvement in API integration success rates and a 30% increase in system processing speed.

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## **EDUCATION**

**Bachelor of Computer Engineering:** Bachelor of Computer, 07/2012 - 05/2016

**University - Pune, Maharashtra**