Sartaj Syed

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SUMMARY

Experienced Software Developer with over 3 years of experience in **software engineering** with expertise in **full stack development, machine learning, data engineering,** and **cloud technologies.** Proficient in **Python, Java, SQL, Django, Spring Boot, and AWS.** Skilled in developing robust applications and communicating technical concepts to stakeholders**.** Seeking a **Software Developer** role with the **right to work in the UK.**

EDUCATION

MSc. Computer Science | The University of Edinburgh | Merit | 2022 – 2023
- **Modules:** Machine Learning, Text technologies, Advanced Databases, Software Development
- **Dissertation:** Tinder for Startups: A matchmaking algorithm to connect startups with investors

Post Graduate Diploma – Computer Science & AI | IIIT - D | 8 CGPA | Jan '22 – Dec '22
Bachelor of Engineering – EEE | Osmania University (OU) | Distinction | Aug '15 – May '19

WORK EXPERIENCE

Software Developer | Swipeit | Aug 2023 – Present | Remote (USA)
- Developed RESTful APIs for a mobile app with Java backend, deploying Spring Boot microservices on AWS (RDS, EKS) and GCP (Firestore, Cloud SQL, GKE) using Docker and Kubernetes.
- Developed a search engine using Google Search APIs and created custom search algorithms.
- Built data pipelines to integrate data from various sources, including APIs and third-party databases.
- Implemented a sophisticated location tracking service with Google Maps API with real-time updates.
- Created YAML scripts for Kubernetes deployment, and used kubectl for cluster configuration.
- Implemented a CI/CD pipeline to streamline development, testing, and deployment processes.

ML Software Developer (Part-Time) | Doriot AI | Aug 2023 – Present | London, UK
- Developed a web application to enhance investor-startup connections using Django and React.
- Built and optimized ML models (KNN, Graph Neural Networks) with a 40% hit rate.
- Created data pipelines and ETL processes to ensure high-quality inputs for ML models and the platform.
- Applied NLP techniques to analyze investor and startup descriptions for improved matching.
- Deployed application architecture on AWS (EC2, Lambda, RDS, S3, EFS) with Docker.

Software Engineer | Infosys | Aug 2019 – Aug 2022 | Hyderabad, India
- Built ETL pipelines using SQL, Python, and AWS Lambda for an event-driven architecture.
- Developed and optimized complex SQL queries to analyze complex sales data for analytics & CRM.
- Leveraged agile methodologies for continuous improvement and enhanced team productivity.
- Conducted system audits to identify and fix performance bottlenecks, ensuring reliable software delivery.

TECHNICAL SKILLS

- **Languages:** Python, Java, SQL, C#, JavaScript, Scala, Html, Typescript
- **Frameworks & Tools:** Django, Django-Rest Framework, Spring Boot, ASP.NET, NumPy, Pandas, Scikit-Learn, OpenCV, PyTorch, TensorFlow, Keras, PySpark, Selenium, Docker, Kubernetes,, AWS, Google Cloud, Git, Shell Scripting, React, Github Actions, Jenkins
- **Databases:** MySQL, PostgreSQL, MongoDB, Firestore
- **Certifications**: Meta Backend Developer, Meta Database Engineer, Hackerank Advanced SQL

ACHIEVEMENTS & LEADERSHIP ACTIVITIES

- Infosys top performer and Gec Star awardee (25% salary hike).
- Organized a hackathon for 500+ students and professionals, fostering innovation.

References available upon request