

# Sartaj Syed

sartaj267@outlook.com | +447767933243 | [Linkedin](#) | [Github](#) | [Website](#) | London, UK

## 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)

- Led MVP development 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.
- Implemented a location tracking service with Google Maps API.
- 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, processing data for 70,000+ investors and 1,000,000+ startups.
- 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 integrate data from various sources, including APIs and third-party databases, into centralized data platforms.
- 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, Selenium, Docker, Kubernetes, RESTful APIs, AWS, Google Cloud, Git, Shell Scripting, React, Github Actions, Jenkins
- Databases: MySQL, PostgreSQL, MongoDB, Firestore
- Libraries & Packages: NumPy, Pandas, Scikit-Learn, OpenCV, PyTorch, TensorFlow, Keras, PySpark
- Testing Frameworks: Exposure to unit testing frameworks and E2E testing frameworks

## 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