

SARTAJ SYED

Birmingham, United Kingdom

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Summary

Software Developer with around 4 years of experience in **Full Stack Development**, **Machine learning**, and **Cloud technologies**. Proficient in **Python**, **Javascript**, **Java**, **SQL**, and **AWS**, with a proven ability to **communicate technical concepts** to stakeholders and collaborate in cross-functional teams. Looking to apply my skills and experience in a challenging **Software Developer** role.

Experience

Goldman Sachs (Contract)

October 2024 – Present

Software Developer

Birmingham, United Kingdom

- Developing a forms-based application using Flask, React, and MongoDB to streamline data collection and workflows.
- Implementing data pipelines to aggregate and validate scattered Excel datasets, ensuring alignment and consistency with centralized database systems.

SwipeIt

August 2023 – September 2024

Software Developer

USA (Remote)

- Developed and deployed microservice-based RESTful APIs for a mobile app using Spring Boot, Docker, and Kubernetes on AWS and GCP.
- Developed a search engine for rewards and a sophisticated location tracking service which improved accuracy by 20% by implementing geofences like functionality.
- Set up data pipelines to integrate data from various sources, including APIs and third-party databases.
- Gained experience in a startup, enhancing my ability to take ownership and make critical decisions.

Doriot AI

April 2023 – September 2024

AI Software Developer (Part-Time)

Edinburgh, United Kingdom

- Developed and deployed a Full Stack Django web application using AWS with Docker for containerization and scalable deployment.
- Built recommender engine ML model (kNN+GAT) for a startup-investor, processed data from 70k+ investors and 1M+ startups, designed graph structures and achieved 40% hit rate
- Gained experience in building end-to-end machine learning solution, fostering adaptability and innovation.

Xactly

February 2022 – July 2022

Technical Consultant/ETL Developer

Hyderabad, India

- Developed SQL-based ETL pipelines to process over 2 million sales records monthly and automated SQL script generation for common fields, cutting processing time by 50% and errors by 20%.
- Analyzed client requirements and delivered tailored solutions for sales compensation processes.

Infosys

February 2020 – February 2022

Software Engineer

Hyderabad, India

- Contributed to new feature development and bug fixes, supporting end-to-end in an Agile environment.
- Developed and maintained automated test suites using Selenium, ensuring reliable releases across production cycles.
- Worked directly with clients and stakeholders, collaborating with teams to deliver projects on time in an agile environment. Awarded Top performer for my performance with a 25% salary hike

Projects

Lyrics Search Engine | Python, Django, Bootstrap, Google Cloud

January 2023 - April 2023

- Built a lyrics search engine using Django and Bootstrap, with TFIDF and BM25 ranking algorithms, designed custom hybrid approaches enhancing search relevance by 20%, and deployed it on Google Cloud.

American Football Contact Detection | Python, Keras, Deep Learning

January 2023 - April 2023

- Researched and compared SVM, ResNet, and EfficientNet for detecting football contact; YOLOX performed best for real-time detection.

Technical Skills

Languages: Python, Java, HTML/CSS, SQL, C#, JavaScript, Typescript

Technologies/Frameworks: Django, Spring Boot, Django-Rest Framework, React, Flask, Fast API, ASP.NET, Git, GitLab, Linux, Jira, Scikit Learn, Numpy, Pandas, PyTorch, Keras, CI/CD, OpenCV, PySpark, Spark, Selenium, Docker, Kubernetes

Databases & Storages: MySQL, PostgreSQL, Cassandra, MongoDB, Firestore, S3

Developer Tools: Jupyter Notebook, VS Code, Pycharm, IntelliJ, Eclipse, Google Cloud Platform, AWS, Postman

Certifications: Meta Backend Developer, Meta Database Engineer, Hackerank Advanced SQL

Education

MSc in Computer Science, The University of Edinburgh | *Merit*

Sep. 2022 – Sep 2023

Post Graduate Diploma, Computer Science & AI, IIIT - D | *8 CGPA*

Apr. 2022 – Apr 2023

Bachelor of Engineering – EEE, Osmania University | *Distinction*

Aug. 2015 – Aug 2019