

Asad Rizvi

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Website: <http://Asad11014.github.io/website>

Personal statement

Aspiring Software Developer

A self-motivated computer science graduate (2:1) with a strong technical toolkit encompassing Java, SQL, and machine learning concepts. My practical experience includes collaborating with clients to develop bespoke websites and applications, paired with academic projects like building an intelligent ANPR system. I am committed to delivering high-quality software solutions that enhance user experience and tackle real-world challenges. I seek a role where I can apply my expertise and creativity while contributing to transformative, life-changing technology.

Technical skills:

Languages: Java, JavaScript, Typescript, Python, HTML, SQL Libraries/Frameworks:
React, Spring Boot, Node
Databases: PostgreSQL, MySQL

Soft Skills: Teamwork/Collaboration, Organisational, Communication, Problem Solving, Adaptability, Attention to detail, Accountability, Pattern recognition.

Education

University of Birmingham
(2021 – 2024)

2:1 BSc. Computer Science

Key Skills gained:

- Able to apply the fundamental constructs of imperative and object-oriented programming, and data structures.
- Implement data structures and algorithms and derive time and space complexity measures.
- Understand the core principles of optimisation and machine learning
- Describe and apply the basic principles of software project management, metrication and quality assurance.
- Demonstrate teamwork and leadership in developing a group project using good software engineering practices
- Independently tackle a substantial computer science problem, effectively manage and prioritise project components, present and defend the work orally, and produce a formal report detailing the process and conclusions.

Notable Modules – Object Oriented Programming, Data Structures and Algorithms, Artificial Intelligence 1 and 2, Software Engineering, Computer Science Project

Harris Westminster Sixth Form

(2019 – 2021)

A-levels:

- Biology – A*
- Mathematics – A
- Chemistry – B
- Economics – B

Al-Sadiq School

(2012 - 2019)

11 GCSEs, grade 8-6 including Mathematics (8) and English (8 Lit, 8 Lang)

Work Experience

Sakmo Ltd. | Backend Engineer

(Jan 2025 – Present)

- Led Backend Development for Sakmo.com: Designed and implemented the backend architecture of the website using Node.js and MySQL, ensuring robust functionality and seamless performance. Acted as the primary developer, responsible for translating business requirements into scalable technical solutions.
- Database Management & API Development: Engineered and optimised MySQL databases to efficiently store and retrieve user and application data. Developed RESTful APIs for key features such as user authentication, enabling secure and efficient communication between the frontend and backend systems.
- Collaborative Development in a Small Agile Team: Worked closely with a small team to prioritise features, debug issues, and meet project deadlines. Took ownership of the backend development, troubleshooting critical issues, and ensuring smooth integration with the frontend to deliver a user-centric website experience.

MasterClean Drycleaners | SEO Specialist

(Aug 2024 – Nov 2024)

- Conducted comprehensive keyword research and competitor analysis to optimise website content, driving increased search engine visibility and organic traffic.
- Developed and managed social media advertising campaigns, effectively targeting audiences to enhance brand awareness and engagement.
- Researched and curated relevant blog topics and website content strategies, ensuring alignment with market trends and audience needs.

Al-Raza Limited | Web Development Intern

(Jun 2024 – Aug 2024)

- Consulted with clients to gather and analyse requirements for websites, applications, or functionality upgrades, ensuring alignment with their business goals and technical needs.
- Delivered tailored solutions and recommendations to improve user experience, enhance performance, and meet client objectives effectively.
- Designed and enhanced the company's website, focusing on creating a visually appealing, user-friendly interface that adhered to branding and business strategies.

The Pathways Group | Administrator

(Oct 2021 – May 2022)

Masters Pharmacy | Administrator

(Oct 2021 – Dec 2021)

Projects

1. Project Management System: Spring Boot, React, Java, Javascript, PostgreSQL

<https://github.com/Asad11014/projectManagementSystem>

A multi-feature full stack application with full CRUD functions, user login/signup and authentication, user invitation services and messaging services.

2. ANPR ML Model: Python, Yolov8, EasyOCR

https://github.com/Asad11014/ANPR_Project

Automatic Number Plate Recognition machine learning model takes in a video input and recognise authorised and unauthorised plates.

3. Portfolio Website: React, Javascript, HTML

<https://github.com/Asad11014/website/tree/main>

A personal portfolio site which showcases my projects, skills and experience. URL:

<http://Asad11014.github.io/website>

