

Asad Rizvi

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

Personal Statement

A self-motivated computer science graduate (2:1) with a strong technical toolkit encompassing JavaScript, 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: JavaScript, Java, 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.

Work Experience

xPercept Ltd. | Software Engineer

(Dec 2024 - Present)

Company website: <https://www.xpercept.ai/>

- Designed and built AI automations to streamline the software development life cycle using platforms like N8N.
- Produced practical solutions to client problems such as web scraping functions using traditional coding methods and implementing such functions into AI automation workflows for easy client understanding and use.
- Collaborated with a small team with Agile working methodologies to deliver exceptional and sustainable solutions to clients, hence, fostering close client relations and satisfaction.

Sakmo Ltd. | Backend Engineer

(Dec 2024 - Present)

Company website: <https://www.sakmo.com/>

- 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)

Company website: <https://www.masterdrycleaner.co.uk/>

- 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 Ltd. | Web Development Intern

(Jun 2024 – Aug 2024)

Company website: <https://alraza.uk/>

- 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)

Company website: <https://pathwaygroup.co.uk/>

Masters Pharmacy | Administrator

(Oct 2021 – Dec 2021)

Company website: N/A

Projects

For a complete list of all my projects, visit my GitHub: <https://github.com/Asad11014>

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 recognises authorised and unauthorised plates.
3. Snake Game: React, Javascript, CSS, HTML
<https://github.com/Asad11014/react-snake-game>
Lightweight browser snake game styled with CSS and uses react hooks to animate the snake's movement.

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)