

FATEEN AJAZ NAQASH

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SUMMARY

Computer Science student with experience in software development, web development, marketing, and engineering projects. Skilled in building practical technology solutions, leading teams, and managing fast-paced project work. Passionate about AI, creative problem-solving, and applying technical skills to real-world challenges.

EDUCATION

University of Birmingham

2024 – 28

BSc Artificial Intelligence and Computer Science (4 years)

SKILLS

Frontend Development: React.js, Next.js, Vite, responsive web design, UI/UX implementation, Three.js

Backend Development: Node.js, Express.js, REST APIs, authentication, WebSocket-based real-time communication

Databases & Storage: SQLite, PostgreSQL/Supabase, Qdrant vector database, local file storage

AI & Machine Learning: OpenAI API, AI summarisation, embeddings, computer vision, ML model integration, prompt engineering

DevOps & Deployment: Git/GitHub, Linux Ubuntu VPS, Docker, Mailcow, DNS configuration, domain setup, web hosting

EXPERIENCE

Chair

Present

ACM Student Chapter

Software Engineer

2025-Present

University of Birmingham Rocket Propulsion Labs

- First to develop and host the official website of the club. uobrppl.com
- Over 3,000 visits** in the first week of launch.
- Averaged <1 hour response times** for bug fixes and content updates.
- Created HELIOS, a **universal software** that connects to all hardware used for rocketry, satellite and rover competitions.
- Created and implemented a custom mailing system using a **Linux Ubuntu VPS** and **mailcow**. example@uobrppl.com
- Lead the software team** for UKSEDS MACH-X, Rocketry, Rover and Satellite competitions.

Electronic Engineer

2025-2026

Formula Student | UBFalcons

- Designed the **main shutdown circuit** for all the electronics.
- Created ubfalcons.com

AI Summer Resident

2025

Nas Company

- Selected as **1 of 11** from **20,000+ applicants**.
- Understood the concepts of interacting with **large audiences and modelling products** based on their needs.
- Created my own AI app called **Briefly** that helps content creators create weekly newsletters based on their content.

Information Technology Intern

2025

NETS INTERNATIONAL COMMUNICATIONS – 3 months

Web Developer and Social Media Manager

2023-24

Kashmir Business Voice

- Worked on the social media pages and content resulting in over **5M+ views** across Facebook and Instagram pages.
- Developed the website for the magazine issues for an interactive user experience.

PROJECTS

Arcade - arcade.byfateen.com

- Built and deployed a multiplayer board game platform using React, Vite, Node.js/Express, and backend APIs for hosting games, managing rooms, and syncing player actions.
- Used React components to create reusable game interfaces, player controls, and interactive board layouts across multiple games.

Briefly - AI Newsletter Generator

- Built an AI newsletter generator using React/Vite, Node.js/Express, REST APIs, and OpenAI API to convert creators' content into structured weekly newsletters.
- Integrated AI summarisation and editable newsletter previews, allowing users to generate, review, and customise newsletter content before publishing.

Eyvia - AI OCT Scan Diagnosis Tool

- Developed an AI OCT scan analysis tool using computer vision, ML model training, and labelled medical image outputs to support diagnosis of eye-related conditions.
- Designed the system around explainable AI, highlighting scan regions linked to glaucoma, diabetes-related eye damage, and other possible conditions.