

# Abeneer S.

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## SUMMARY

Having recently graduated with an MSc in Computer Science with experience in JavaScript, NodeJS, ReactJS, and AI models, seeking Software Engineer roles. I have the right to work in the UK.

## EDUCATION

**MSc in Computer Science, 1st** | University of Hertfordshire | 2024 – 2025

- **Modules:** Software Engineering (85%), Programming (63%), Systems Architecture (70%), Agile Development
- **Dissertation:** AI-Powered Web Application for Generating UI Designs and Code from Natural Language Prompts

**Bsc in Information Technology, 1st** | Mumbai University | 2019 – 2022

- **Modules:** Data Structures & Algorithms, Object-Oriented Programming, Python, DBMS, Core Java, AI

## WORK EXPERIENCE

**Front-End Developer (Volunteer)** | Unify-Giving | October 2025 - Current | London, UK

- Improved **UI** and **performance** by 30% using **TypeScript** and **modern frontend practices**.
- Developed accessible **interfaces** to **enhance user experience** for all users.
- Collaborated in **sprint meetings** to improve **software architecture** for **web projects**.

**Web Developer** | Zencraft Consultancy Pvt. Ltd | October 2022 - December 2023 | Mumbai, India

- Built **responsive web interfaces**, increasing client engagement by 40%.
- Developed **APIs** for **data retrieval**, reducing delivery time by 25%.
- Implemented **UI design improvements**, aligning with company objectives.

**Python Developer Intern** | Verzeo | July 2022 - October 2022 | Mumbai, India

- Developed secure back-end services with Django, optimising query performance for faster data retrieval.
- Established REST endpoints with JWT authentication, enhancing security for React client applications.

## ACADEMIC PROJECTS

**Design2Code - Natural-Language to UI** | Python (Django), Diffusers (Stable Diffusion), Transformers (CodeBERT)

- Developed an AI-powered web where prompts generate UI images and HTML/CSS
- Implemented dataset loaders for RICO, media handling, and theme control; logged interactions and stored 95+ screens.
- Automated audits with **Playwright+Axe**, **Pylint** and visual diff; CI-ready scripts improved maintainability and achieved a 10/10 lint score.

## TECHNICAL SKILLS

- **Languages:** Python, JavaScript (ES6+), TypeScript, Java, SQL, PHP
- **Libraries & Framework:** React, Node.js, Django, Flask, Express, Vue.js, Laravel
- **AI / ML Frameworks:** Hugging Face, Stable Diffusion (LoRA, ControlNet), CodeBERT, PyTorch
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Cloud & DevOps:** AWS; Docker; CI/CD (GitHub Actions), Azure
- **Certificates:** Responsive web design, Front-end development