Muhsin Mohamed

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EDUCATION

BSc Computer Science with a Year in Industry (Honours)   *Sept. 2021 - May. 2025 (Expected)*
King's College London | London, UK
- Year 1 result: **First-class.**
- *Deputy Head of Technology,* King's Business Club, *Social Team Captain,* King's Tennis

EXPERIENCE

Junior Software Engineer   *Jun. 2022 - Nov. 2022*
Social AI Ltd. | London, UK
- Built the Alpha version of Seen, a social dating application, working on both the front-end (Flutter) and back-end (Python, AWS Chalice), as well as database development (MySQL)
- Contributed to the algorithm design and database design, taking both the use case and best practices into consideration
- Collaborated on and programmed reusable components and engineered logic for the user onboarding and chat functionalities according to the UI/UX designs
- Created and utilized API endpoints to register user devices to receive notifications as well as to send notifications
- Utilized WebSockets to create a real-time chat experience and Firebase Cloud Messaging to complement the feature.

Deputy Head of Technology   *Dec. 2021 - Present*
King's Business Club | London, UK
- Won "Best Associate Award" (2021). Redesigned and updated websites run by KBC using Divi on WordPress
- Coordinated with a vast team across departments to solve website errors and crashes. Led the design and development of new pages and improvement of old pages on the website that receive thousands of views and interactions
- Engaged in the planning and organizing of events, and guiding new joining members in using Divi and WordPress.

Website Developer   *Apr. 2020 - July 2021*
Momentum Magazine | Remote
- Developed a website for an international online magazine, collaborating with an international team of students. Improved communication and teamwork skills by working with a large, diverse team
- Worked on frontend and database development using ReactJS & Firebase as well as initial blog development on WordPress. Helped the website receive over 3000 readers for the magazine and associated blog.

Software Development Intern   *Aug. 2019 - Jan. 2020*
Cisco Systems | Bangalore, India
- Developed a website for student-teacher interaction outside the classroom. Spearheaded front-end development (using HTML, CSS, and JavaScript) and post-development testing. Built several features including classes, posts, comments, assignments, etc. that facilitates interactions outside the classroom
- Improved time management and adaptability by using new technologies, and working with deadlines, along with a team of students with variable technical experience.

PROJECTS

Move Right   *Java | JavaFX | ControlsFX*
- GUI desktop application that allows users to sign in, find properties in London (by borough, price, and type) and favourite the property and book it for a period of time
- Learned about creating desktop applications with JavaFX, utilizing design patterns (MVC, Singleton) to create apps.

Esca (built for The Felix Project @ McKinsey Code Create Change hackathon)   *Flutter | Dart | PostgreSQL | Go*
- A cross-platform application that allows users to keep records of their pantry and what's expiring, search and filter recipes based on their available ingredients and dietary preferences, along with money-saving tips for each recipe
- Worked on the entire front-end of the application as well as the backend integrations and some database design.

Search-m8   *Python | Flask | AngularJS*
- A web application that scrapes top Google and YouTube results to transcribe and provide summaries of articles and videos based on search terms using natural language processing. Won 3rd Place at InvHack 2020 with this project
- Learned about integrating NLP results in a web application, as well as running computationally heavy backends.

SKILLS

Python | C++ | Java | Scala | JavaScript | Dart | SQL | HTML | CSS | Git | Flask | ReactJS | Node.js | Flutter