Kareem Eid

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Profile

A motivated and innovative Computer Science graduate with a strong foundation in software development, AI, full-stack web, and mobile applications. Excellent communication skills, thriving in collaborative environment. Enjoys creative work projects with a passion for personal development and strong work ethic.

Education

Computer Science (BSc) at Sheffield Hallam University | Expected Graduation 2025 - Expected 2:1
- Recipient of the Sports Performance Scholarship for national-level achievement in trampolining.

A-Levels at West Bridgeford School 2020 - Maths (A), Physics (B), Art (A)

Work Experience

Graduate Software Engineering at FDM Group, Leeds, Sep 2025 – Present
- Underwent intensive Java development training, covering OOP principles, data structures, algorithms, and software design patterns.
- Solidified Agile methodologies and consultancy skills to prepare for client-facing software engineering projects across multiple industries.
- Developed practical projects in Java and associated technologies, with exposure to version control (Git), unit testing, and collaborative workflows.

Software Developer Internship at TechNest Solutions, Dubai, May 2025 – Aug 2025
- Developed and deployed a customer facing web application using React.js, Node.js, and MongoDB.
- Collaborated in a 5-person Agile team, participating in daily stand ups, sprint planning, and code reviews, ensuring delivery of features on time and aligning with business needs.
- Implemented RESTful APIs for internal tools, improving data synchronisation between systems.
- Contributed to unit and integration testing with Jest and Mocha, raising overall code coverage to 85%.

Software Engineering Internship at NFF, Tokyo, Jun 2024 – Jul 2024
- Redesigned the artist portal UI with React.js and Figma, improving artwork discoverability and mobile responsiveness, increasing user session duration by 30% and reducing bounce rate by 24%.
- Developed a custom ticketing platform with React + Node.js, integrating Discord APIs and lightweight AI tools to analyse support requests, identify trends, and reduce manual response overhead.
- Engineered workflow enhancements by customizing an open-source GitHub tool, adding media version control, real time translation, and timeline tracking, streamlining cross cultural team collaboration.

Key Projects

Chesterfield Royal Hospital Navigation System *(First-Class)*
- Led development of a React.js app providing GPS-style navigation, video walkthroughs, and detailed maps via QR codes.
- Delivered scalable backend features enabling staff to easily update routes and content.
- Received highly positive stakeholder feedback, with strong potential for real-world implementation.
   Highlights: React.js, Node.js, REST APIs, Agile Scrum, Sprints, GitHub

Online Library Management System *(Upper Second-Class)*
- Directed development of a full-stack Laravel application supporting media rental and PayPal-based payments.
- Implemented secure authentication, authorisation, and encryption following SDLC best practices.
- Designed robust database architecture with PhpMyAdmin for reliable data handling.
   Highlights: Laravel, PHP, MySQL, phpMyAdmin, PayPal API, Authentication & Security, Agile Scrum, GitHub

Sports-Focused Social Media App *(First-Class)*
- Built a Flutter/Kotlin mobile platform enabling users to post, share, and personalize feeds via hashtags and content interaction.
- Integrated Firebase with UID-based access controls, 2FA, and security rules for data privacy.
- Applied MVVM architecture for maintainable and scalable development.
   Highlights: Flutter, Kotlin, Firebase, MVVM, Real-Time Notifications

AI-Powered Image Caption Generator *(Upper Second-Class)*
- Developed a Python TensorFlow model using the Flickr8k dataset to generate natural descriptions of images.
- Achieved average of 0.6 BLEU score using encoder-decoder architecture, validating training approach effectiveness.
   Highlights: Python, TensorFlow, NumPy, Pandas, Deep Learning Pipelines

Extra-Curricular Achievements

- Competitive Trampolining: Compete British Championships (Ranked 12th nationally) - demonstrating discipline and perseverance.
- Fitness & Strength Training: Regular gym training focused on discipline and goal setting.
- Duke Of Edinburgh (Bronze + Silver): Developed leadership, teamwork, and problem-solving skills through challenging expeditions.
- Languages: Fluent in Arabic (multiple dialects).

Technical Skills:

Languages & Programming: Python, C++, C#, Dart, JavaScript, PHP

Web Development: React.js, Vue.js, Laravel, HTML, CSS, REST APIs, Node.js, MVC, MVVM

Mobile Development: Flutter (MVVM), Kotlin, Firebase (Auth, Realtime DB, Firestore, Cloud Messaging)

Database Technologies: MySQL, SQLite, phpMyAdmin, Firebase, MongoDB
AI & ML: TensorFlow, NumPy, Pandas – image captioning, deep learning pipelines
Tools & Workflow: Git, GitHub, VS Code, Android Studio, Figma, MockPlus, Jest, Mocha
Practices: Agile (Scrum/Kanban), CI/CD basics, project coordination, team collaboration, Trello, Jira, Sprints.