

# MOHAMED WAEI

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## EDUCATION

**BSc, Software Engineering (CGPA 3.76)** Oct '21 - Jul '25  
Dual Degree: University of East London, UK  
Faculty of Computer and Information Sciences, Ain Shams University, Cairo, Egypt

## PROFESSIONAL EXPERIENCE

**Full-Stack Developer, StorkTech** | Cairo, EG Jan '24 - Present

- Proficient in developing dynamic and responsive front-end solutions using React and Vite for bundling, with a keen focus on user experience and accessibility.
- Experienced in leveraging Headless UI (shadcn/ui) to enhance development efficiency and streamline user interactions.
- Developed an invoicing system for an educational institution with detailed translation logs.

**Freelance Developer** Dec '23 - Jan '25

- Created various commissioned Discord bots using the Discord.py and Discord.js libraries.

**Full-Stack Intern, Hypercell** | Cairo, EG Sept '23

- Completed a one-month internship gaining knowledge in Spring Boot and Angular frameworks.
- Completed a fully functional simple online blog web app.
- Acquired a recommendation letter.

**Ui-Ux Design Summer Training** | Ain Shams University, Cairo, EG Sept '22

- Learned principles of user-centered design, wireframing, and prototyping using tools like Figma and Adobe XD.

**Web Development Summer Training** | Ain Shams University, Cairo, EG Sept '22

- Gained hands-on experience with HTML, CSS, JavaScript, and responsive web design fundamentals.

## PROJECTS

**Task Manager RESTful API** | NestJS, TypeScript, TypeORM, Prisma May '24

- Built a RESTful API to practice the NestJS framework and integrated both TypeORM and Prisma as database layers.

**Software Landing Page Website** | React, GSAP Dec '23

- Developed a modern landing page to practice frontend skills and animation using GSAP.

**Simple Blog API** | Java, Spring Boot Sept '23

- Created a basic blog API during an internship at Hypercell using Java and Spring Boot.

**GoomMemer – Discord Bot** | Python, Image Processing May '23

- Commissioned Discord bot for a company to generate memes and wallpapers using image processing techniques.

**Saraha – Anonymous Chat App** | C++, WinForms May '23

- Designed a simple anonymous messaging app for a data structures course, with GUI built using WinForms.

**Game Farming Tracker** | Python, OpenCV, Tkinter Sept '22

- Developed a desktop app to assist Pokémon players in tracking encounters using image processing and a simple GUI.

## TECHNICAL SKILLS

**Programming:** Python, Java, JavaScript, Typescript, React, HTML, CSS, C++

**Database:** PostgreSQL, MongoDB

**Libraries/Framework/Tools:** React.js, Node.js, Spring Boot, Git, JIRA, Postman

**Cloud Technologies:** Amazon Web Services (AWS), Microsoft Azure

**Development Practices:** Full-stack development, CI/CD, Automation, TDD, Design Patterns, Agile, SDLC, SOLID, and Code Reviews, Reusable Components.

## EXTRACURRICULAR ACTIVITIES

[2020 - 2024] Cyber Security member at Support Student Activity.

[2020 - 2022] Competitive programming trainee at ACMASCIS Student Activity.