

ADHAM SHAMSELDIN

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EDUCATION

The German University in Cairo

Feb 2025 - Present

Master of Science, Computer Science and Engineering

- Research Area: Human-Computer Interaction

The German University in Cairo

Oct 2018 - Jul 2023

Bachelor of Science, Computer Science and Engineering - **Honors**

- Thesis: Internet of Wearable Medical Things (IoWMT) for Covid-19 - **Excellent**

PROJECTS

Personal Portfolio | [Link](#)

- Designed and developed a dynamic personal portfolio using Next.js showcasing diverse projects in mobile and web app development.

Brew Buzz Specialty Coffee - App & Website | [iOS](#) - [Android](#) - [Website](#)

- Designed and developed a high-performance mobile app using React Native and Firebase, featuring ordering, loyalty, wallet, promo codes, and gift cards, driving 100K+ EGP in revenue.
- Integrated Paymob, Foodics, Resend, and SMSMISR APIs for secure payments, POS sync, transactional emails, and branded SMS/OTP flows.
- Secured domain and branded SMS sender ID to unify digital branding across channels.
- Built a responsive, SEO-friendly static landing page using React.js for Brew Buzz Specialty Coffee.

EXPERIENCE

Botit | Full Stack Developer

Jul 2025 - Present

- Contributed to the Tooling team at Botit, developing internal systems with React, Express.js, MongoDB, and Python to support promotional campaign management, including the Promotion Engine Dashboard for real-time performance monitoring and automated campaign workflows.
- Helped design and implement the Notifications System Workflow, ensuring timely alerts and updates for internal stakeholders to support operational efficiency.

German University in Cairo | Web Developer Intern

Jun 2023 - Aug 2023

- Designed, developed, and maintained WordPress websites for IEEE events and academic research projects, collaborating with faculty and student teams to deliver responsive, accessible, and interactive digital experiences using custom themes, plugins, and shortcodes.

German University in Cairo | Junior Teaching Assistant

Oct 2021 - Jan 2022

- Delivered instruction to 24 students on Object-Oriented Programming (OOP) principles and Java concepts while providing individualized mentoring.

PUBLICATIONS

Internet of Wearable Medical Things for COVID-19 Diagnostics | [Link](#)

- 2022 International Conference on Microelectronics (ICM)
- Authors: Amro Mohamed Ahmed Ahmed, Adham Shamseldin, Mohamed A. Abd El Ghany, Maggie Mashaly, Eman Azab

SKILLS

Programming Languages:	Java, Javascript, Typescript
Libraries/Frameworks:	React.js, Next.js, Node.js, React Native, Firebase
Design & Prototype:	Figma, Rive, Framer, Adobe Photoshop, Blender

CERTIFICATIONS

Three.js and TypeScript | [Udemy](#)

Google UX Design Professional Certificate | [Coursera](#)