Ahmed Khaled

Computer Science Student & Software Engineer

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About

I'm Ahmed Khaled, a Cairo-based computer science student and aspiring full-stack software engineer. I specialize in building responsive, scalable applications using modern technologies like React, Next.js & Go. With experience in both frontend and backend development, I enjoy crafting seamless user experiences while ensuring performance and maintainability behind the scenes. Whether working on open-source projects, internships, or hackathons, I'm always eager to learn, build, and contribute to meaningful tech solutions.

Education

Ain Shams University   **2022-2026**

Pursuing a Bachelor's Degree in Computer Science   *GPA: 3.1*

Experience & Projects

Banque Misr | Software QA/QC Engineer Intern   **Summer 2024**

Developed strong skills in automated & manual testing, Learned about Agile methodologies, and various testing techniques. contributed to ensuring software quality and efficiency through hands-on experience with industry-standard tools and processes.

- Collaborated within an Agile framework to enhance software quality
- Automated testing processes using Cypress
- Learned about functional and non-functional testing
- Managed testing workflows using Jira and Zephyr Scale

Commercial International Bank (CIB) | Internship Trainee   **Summer 2024**

- Learned About the Digital Transformation at CIB
- Explored Topics such as Data Literacy, Data Analytics & Cybersecurity
- Gained Knowledge Around Bank Operations

Open Source Community FCIS | Web Development Team Member

- Delivered multiple sessions and lectures on various web development topics
- Contributed to the development of a community website using the MERN Stack
- Worked closely with developers from various teams to ensure project success

Finalist @ Google GDG Cairo AI Finance Hackathon 2025

Developed **repAI**, an AI-powered recycling platform that incentivizes eco-friendly behavior through cashback rewards on a digital wallet. The app uses real-time object detection to identify recyclables, calculate value, and facilitate convenient collection or redemption.

- Used Image Detection & Google Gemini for object detection of recyclable materials
- Assigned real-time, market-based value to scanned items based on materials, size & more
- Enabled cashback accumulation and redemption through eco-partner locations or collector pickups
- Promoted sustainable habits through AI-driven automation and user rewards
- Ranked 4th place

Orbit | NASA Space Apps 2024 Project

A NASA Space Apps 2024 3D Web App (Built using Next.js + The powerful Three.js library) which brings space exploration to the masses, made with the classroom in mind, Orbit provides a unique interactive experience for students and hobbyists to explore the solar system with its planets, moons and asteroids while also having quests, achievements and medals for users to unlock and an AI powered chat buddy to interact with and answer questions to boost and enhance the learning experience.

NAVERIS GeoAI | NASA Space Apps 2023 Project

A NASA Space Apps 2023 Artificial Intelligence project which uses custom AI Models trained on provided NASA satellite data to accurately predict storm paths and other natural disasters and send out early warnings to potentially affected areas, saving lives and minimize damage to communities across the globe

Skills & abilities

- **Programming**: *JavaScript, TypeScript, Go, React.js, Next.js, Angular, Tailwind, Bootstrap, SQL, Python, C, C++, Java, PHP, Dart, Flutter*

- **Software Testing**: *Cypress, Selenium (basics), Manual (HLS, Test Cases..), Zephyr*

- **Version Control**: *Git, GitHub, GitLab*

- **Agile Methodology**: *Knowledgeable in Agile practices and work environments*

- **Mircosoft365**

- **Graphic Design / UI**: *Adobe Photoshop & Figma*

- **Soft Skills**: *Quick learner with strong adaptability, problem-solving abilities, and effective communication skills*

Languages

- English *(Native / Bilingual)*
- Arabic *(Native)*