

Ahmed Hassan

Cairo, Egypt

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Education

Cairo University

Bachelor of Science in Computer Science

Sep 2018 - Jun 2022 | Cairo, Egypt

GPA: 3.85/4.0

Activities: ACM Student Chapter Vice President, Open Source Community Founder, Competitive Programming Coach

Relevant Coursework: Software Engineering, Data Structures, Algorithms, Database Systems, Operating Systems, Computer Networks, Web Development, Mobile Development, AI Fundamentals

Internship Programs: Google Summer of Code 2021, Meta Developer Circles 2020

Work Experience

Software Engineer | Swvl | Jul 2022 - Present | Cairo, Egypt

- Developed backend services for ride-sharing platform using Node.js and MongoDB, serving 100K+ daily users.
- Implemented real-time location tracking and matching algorithms that improved match rates by 28%.
- Designed and built scalable microservices architecture deployed on Kubernetes clusters.

Frontend Developer | Instabug | Jan 2021 - Jun 2022 | Cairo, Egypt

- Created responsive web applications using React and Redux that visualized customer feedback data.
- Implemented performance optimizations that improved load times by 40%.
- Collaborated with UX designers to implement intuitive user interfaces for data visualization.

Skills

Frontend: JavaScript, TypeScript, React, Redux, Angular, Vue.js, HTML5, CSS3, SCSS

Backend: Node.js, Express, Django, Flask, Ruby on Rails, Spring Boot

Databases: MongoDB, PostgreSQL, MySQL, Redis, Elasticsearch

DevOps: Docker, Kubernetes, AWS, GCP, CI/CD, Nginx

Mobile: React Native, Flutter, Android (Kotlin)

Other: RESTful APIs, GraphQL, WebSockets, OAuth, JWT, Microservices, System Design

Certificates

AWS: Developer Associate

MongoDB: MongoDB Certified Developer

Meta: React Developer Certification

Awards

1st Place - Egyptian Collegiate Programming Contest (ECPC) 2021

Winner - Uber MENA Hackathon 2022

Google Developer Challenge Scholarship Recipient