

Abdelrahman Fekri

As a Computer Scientist and Engineer, I specialize in Software Development and Full Stack Development, with a keen interest in AI. My journey began at the German University in Cairo, where my academic excellence earned me a full scholarship. My professional experience spans roles at Onpassive and Bld ai, where I've honed my skills in Python, Java, JavaScript, Django, and React JS, among others. My work in financial analysis and health monitoring through facial expressions showcases my versatility and commitment to leveraging technology for improvement and innovation. I'm passionate about creating scalable, efficient solutions that address real-world problems.

Contact Information

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Education

German University in Cairo (GUC), Cairo, Egypt 2019 - 2024

Bachelor of Science in Computer Science and Engineering

Full Scholarship Recipient for Academic Excellence

Work Experience

Software Engineer, Onpassive (Working Student)

February 2024 - May 2024

- Worked on O-Connect, a video conference application utilizing Scala, Java, Hasura, GraphQL, PostgreSQL, and React with TailwindCSS.
- Built a scalable application designed to handle extensive traffic and numerous users in conferences.

Software Engineer, Bld ai, Florida, USA (Remote Working Student)

October 2022 - January 2024

- Delivered high-quality software solutions, utilizing Python, JavaScript, Django, React JS, and machine learning technologies.
- Proficient in tools such as Docker, Redis, Pytest, and Websocket.

Full Stack Development Intern, Bld ai

June 2022 - October 2022

- Developed a music platform backend using Django, Rest Framework, and Pytest.
- Created a fully functional Udemy website using React JS, React Router, and Bootstrap.

Financial Analysis Intern, German University in Cairo

August 2021 - October 2021

- Conducted crypto analysis and classification using Python and machine learning techniques.
- Assessed stock market dynamics and provided insights into company valuations.

Skills

- A - Advanced, I - Intermediate, B - Beginner
- **Programming Languages:** Python (A), Java (A), JavaScript (A), Dart (I), Scala (I)
- **Web Development:** Django (A), Spring Boot (A), React JS (A), Express (A), GraphQL (A), Next.js (I), AKKA (I)
- **Mobile Development:** Flutter (I), React Native (I)
- **Tools:** Git (A), Docker (I), MongoDB (I), SQL (A), HTML (I), CSS (I), Jest (A), Pytest (A), Material UI (I), Bootstrap (I), CI/CD with GitLab (I)
- **Languages:** Arabic (native), English (proficient)

Projects

Oconnect

Software Engineer

- Developed a scalable video conference application, Oconnect, to facilitate meetings and conferences, utilizing Scala, Java, Hasura, GraphQL, PostgreSQL, and React with TailwindCSS.

Playdate.fun

Software Engineer

- Developed an innovative platform that connects children with suitable playmates using Django, React JS, Redis, Celery, NLP, and Python.
- Managed project, led full-stack development, implemented CI/CD, and integrated machine learning.

Facewatch - Health Monitoring using Facial Expressions

Bachelor's Thesis

- Developed Facewatch, a desktop application for health monitoring through facial expressions.
- Conducted facial expression analysis and utilized machine learning for health assessment.

Coursera Replica

Software Engineer

- Coursera Replica University Project: Practiced building massively scalable applications.
- Developed a scalable application following best practices for building such applications.
- Built on Spring Boot, PostgreSQL, Kafka, HAProxy, Nginx, and Grafana.

AntiOxida.com

Tech Co-founder

- Co-founded AntiOxida.com, an online health food platform focusing on nutritional benefits.
- Developed real-time health tracking features and led technical development.

GUCCconnect

Mobile Developer

- Developed GUCCconnect, a social media app for GUC students, using Flutter and Firebase.

Hatmaak.com

Founder

- Founded Hatmaak, a multi-delivery platform connecting Upper Egypt customers, restaurants, and riders.
- Utilized GraphQL, Node.js, MongoDB, React Native, and React.js for development.

Other Projects

- Online Learning Platform: Project Lead
- Postgraduate Support Application: Developer (C#)
- Spring Boot Tutorial Project: Developer