

Laila Mohamed Fikry

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Professional Summary

Motivated and detail-oriented software engineering undergraduate with a strong foundation in systems programming, algorithms, and full-stack development. Experienced in C, Java, Python, and web technologies through academic and team-driven projects using Agile methodologies. Proven ability to collaborate, meet deadlines, and build efficient, scalable solutions with API integration. Actively seeking internship opportunities to apply and grow in dynamic, real-world environments.

Education

Bachelor of Computer Science, Expected Graduation 2028

El Sewedy University of Technology – Polytechnic of Egypt (2025 – Present)

Egyptian Russian University (2023 – 2025, Transferred)

- Relevant Coursework: Data Structures, Algorithms, Operating Systems, Artificial Intelligence, Advanced Programming, software engineering

Experience

Media Gate Company, Freelancer – Full Stack Developer

August 2025 – Present

- Working on the **Bagi Job** website (bagijo.com), handling both frontend and backend development
- Building scalable features and ensuring seamless integration across platforms

ALX Africa, Software Engineering Intensive Training Program (Hybrid)

October 2023 – July 2025

- Completed a 15-month intensive hybrid training program focused on full-stack development, systems engineering, and collaborative problem-solving
- Developed 30+ real-world projects using C, Python, JavaScript, and SQL, applying Agile methodologies
- Designed and deployed RESTful APIs and dynamic web applications with React.js and Node.js
- Managed servers and automated tasks using Bash scripting and Linux environments
- Practiced test-driven development, conducted peer code reviews, and debugged in production-like environments

Training & Certifications

DevWave, Internship (Remote) – Front-End Developer

Aug 2025

- Developed and optimized responsive UI components

National Training Academy, Professional Development Program

October 2024

- Value Initiative with Hayah Karima Foundation
- Completed 4-day intensive training on emotional intelligence, freelancing, leadership, and CV writing

Projects

Tech-Road (Digitopia Competition)

August 2025 – Present

- Group project aiming to bridge the gap between academic learning and real-life workforce needs
- Served as **Team Leader** and **Backend Developer**, overseeing task allocation and system architecture
- Currently under development and refinement for competition showcase

DishCraft (ALX Africa Portfolio Project) ([GitHub](https://github.com/laila-mohamed-fikry/DishCraft))

July 2025

- Led front-end UI/UX design using React.js and implemented user authentication for a team project
- Collaborated on database management with MongoDB to ensure seamless data flow

R-SkyOrb Mission Dashboard ([GitHub](#))

April 2025

- Developed the front-end using JavaScript and Bootstrap for a dashboard monitoring the R-SkyOrb high-altitude balloon system

3D Raycasting Maze Game ([GitHub](#))

March 2025

- Built a 3D maze game in C using SDL2, collaborating in a 2-person team

Project Management System ([GitHub](#))

January 2025

- Developed a task manager in Java with SQL Server backend and JDBC integration

Simple Shell ([GitHub](#))

September 2024

- Designed a Unix-like shell in C handling built-in commands and system processes

Skills

- **Programming Languages:** Python, Java, C, C++, C#, JavaScript, Dart, R, SQL, Shell
- **Web Development:** HTML5, CSS3, JavaScript, Bootstrap, React.js, Next.js, Node.js, RESTful APIs
- **Back-End & Full-Stack:** API Design, Server-Side Scripting, Authentication, Databases, Express.js
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Mobile Development:** Flutter, Firebase
- **Tools & Platforms:** Git, GitHub, VSCode, Ubuntu, Postman
- **Development Practices:** OOP, Data Structures, Agile, Scrum, Test-Driven Development
- **Soft Skills:** Leadership, Communication, Time Management, Team Collaboration

Volunteering

Computality Community (HR Team), Cairo, Egypt

2023 – Present

- Conducted interviews, managed internal records for 60+ members, and assisted in organizing university tech events

Languages

- **Arabic:** Native
- **English:** Fluent
- **Turkish:** Proficient
- **Russian:** Proficient