

# FARID AZZAM

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## OBJECTIVE

Software Engineer with over 2 years of experience in software development, seeking full-time software development roles.

## EDUCATION

<b>Bachelor of Computer Science (Hons.)</b> , London South Bank University	2019 - 2023
<b>Bachelor of Computer Science</b> , The British University in Egypt	2019 - 2023

## SKILLS

<b>Frontend</b>	React, Mantine UI, CSS Modules, Recharts, React Router, TanStack Query (React Query)
<b>Backend</b>	Node.js, Express, RESTful APIs, GraphQL, JWT, Nodemailer, Multer, Sequelize, MongoDB
<b>DevOps</b>	Linux, PM2, Nginx, DigitalOcean, SSH, SSL setup, Reverse Proxy Configuration
<b>Tools</b>	Git, Jira, Postman, VS Code, GitHub, PHPMyAdmin, DBeaver, Mongo Atlas
<b>Soft Skills</b>	Team Collaboration, Problem Solving, Ownership, Agile Mindset

## EXPERIENCE

<b>Senior Software Engineer</b> Cloudilic	Aug 2025 - Present <i>Cairo, Egypt</i>
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- Gained expertise in AI and LLM integrations with LangChain framework, building various production-grade prototypes that are ready to use.
- Building the AI Agent functionality for the company's flagship product, Dragify, which enhanced workflow automation by 50%.

<b>Software Engineer</b> Value Business Planning	Feb 2025 - Aug 2025 <i>Cairo, Egypt</i>
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- Spearheaded the development of a real estate management dashboard using React, Mantine UI, and Recharts, resulting in a 40% improvement in user engagement.
- Implemented structured workflows using Jira, leading the frontend team to achieve a 50% increase in project delivery speed.
- Designed a scalable design system of reusable components using CSS Modules and React Context API for global state management, enhancing maintainability and cutting feature development time by 30%.
- Enhanced frontend performance by implementing code splitting, lazy loading, and bundle optimization, and caching using React Tenstack Query leading to a 35% reduction in initial page load times.
- Developed and maintained backend features using JWT for secure token-based authentication via HTTP-only cookies, OTP-based user verification, and password reset flows using Nodemailer and encrypted OTP tokens with proper model associations.
- Deployed backend on DigitalOcean using PM2 for process management and Nginx as a reverse proxy, including configuration for static asset delivery and secure HTTPS setup, while enhancing server performance by 45% by adding additional swap memory to deployment server.

<b>Fullstack Development Intern</b> Information Technology Institute	Nov 2024 - Feb 2025 <i>Cairo, Egypt</i>
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- Gained expertise in version control systems using Git for collaborative development.
- Built various full-stack applications using ReactJS, HTML5/CSS3, and JavaScript.

- Acquired hands-on experience in Linux system administration and Bash scripting.
- Mastered PostgreSQL and MySQL database querying and relational database design.

## Programming & Solutions Developer Intern

Timeline EG

Aug 2024 - Sep 2024

Cairo, Egypt

- Applied control programming concepts using Lua to automate system behaviors.
- Designed DSP systems and graphical user interfaces in Q-SYS Designer software.
- Achieved Q-SYS Control 101 and Q-SYS Level 1 certifications, demonstrating core system integration skills.

## PHP Developer

123Credit.ro

Sep 2023 - Oct 2023

Bucharest, Romania

- Maintained and enhanced web applications, resolving PHP syntax and type-conversion issues.
- Diagnosed and resolved administrator-side database retrieval problems in collaboration with the development team.
- Wrote and tested code to fix minor website interoperability and user experience issues.

## PROJECTS

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**Leila Residential Compound.** Built a full-stack complaint management system for residents of a New Cairo compound using ReactJS and Firebase. The app allows residents to submit complaints to maintenance/security departments, track their status, and allows administrators to manage and update the progress of the complaint. Independently developed and deployed the system, saving the client an estimated \$1000 in software development costs. Used by residents and staff for daily operations. ([Try it here](#))

**E-commerce Application** Developed a MERN stack custom e-commerce web application using GraphQL (API layer). The project was built to meet specific functional requirements, with a major focus on applying GraphQL for efficient data querying and designing a clean, scalable relational database structure from scratch. Successfully implemented complex logic while working with a newly learned technology stack, overcoming challenges in API design and database normalization. ([Try it here](#))

## EXTRA-CURRICULAR ACTIVITIES

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- Actively build and share personal software projects with the developer community, showcasing real-world use cases in React, Firebase, and PHP to inspire junior developers and learners.
- Volunteered as part of the Multicultural Club at The British University in Egypt, helping organize the 2022 International Day, an event that brought various embassies and cultural groups to campus.

## LEADERSHIP

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- Led the frontend team at Value Business Planning, coordinating the development of scalable, component-based UIs using ReactJS. Managed sprint planning and task tracking through Jira, contributing to a 50% increase in overall project delivery speed.
- Operations team member for The British University in Egypt's Multicultural Club, helping organize International Day 2022 and coordinating with international embassies to ensure a successful campus-wide event.