Haidy Yasser Ali

Backend Software Engineer

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Summary

Fresh Backend Software Engineer skilled in Java, Spring Boot, and Node.js. Competitive programmer and problem solver, experienced in scalable APIs and real-time systems, eager to learn and create impactful solutions.

Education

BS in Computer Science, Suez Canal University – GPA: 4   *Sept 2021 – Jul 2025*

Experience

Java Full Stack Intern – *ATOS Egypt*   *Aug 2025 – Present*
- Gained hands-on experience in advanced Java and Spring Boot while collaborating on full-stack projects.

Software Engineering Trainee – *ALX Software Engineering Program* ↗   *Nov 2023 – Feb 2025*
Core: *Databases, Backend, Algorithms, Data Structures, OOP, Bash, Networking.*
- Built projects in backend, data structures, and algorithms, including a UNIX shell ↗ in C.
- Learned DevOps ↗ fundamentals and strengthened teamwork skills.

Skills

Programming: Java, JavaScript, TypeScript, MongoDB, SQL, Firebase, Redis, Python, C++, C, C#

Frameworks: Spring Boot, Node.js and Express, Flask, Bootstrap

Miscellaneous: SOLID, Design Patterns, Problem Solving, Git, GitHub, Algorithms, Unit Testing, Socket.IO.

Projects

Document Management System (Java Full-Stack Project) Tools: Spring   *GitHub* ↗
Boot, PostgreSQL, MongoDB Angular, JWT, AWS S3, JUnit
- Built a secure document management platform that integrates relational databases (MySQL) and NoSQL (MongoDB).
- Developed RESTful APIs for authentication, workspace management, and document operations.
- Implemented JWT-based authentication, metadata handling, and Base64 document preview with role-based access control.
- Enhanced search and performance through MongoDB indexing, versioning, and tagging features.
- Designed job board platform with 20+ RESTful endpoints, JWT authentication, and validation middleware.

Online Flower Store   *GitHub* ↗, *Demo* ↗
Tools: HTML, CSS, Bootstrap, and jQuery
- Led a 3-member team to build a responsive e-commerce site for flower ecommerce frontend website.

Achievements

- Ranked **17th** out of 300 teams at **The ECPCQ Day 8 — ECPC Finalist**.   *2025*
- Secured **The best graduation project** at the Faculty of Computers and Informatics — SMART.   *2025*
- Secured **9th** out of 291 teams in **ACPC GIRLS — Golden Medal**.   *2024*

Volunteering

IT instructor at Google Developer Student Clubs EELU
- Led online technical training sessions in C++, impacting over 250 students; Solved various coding challenges and debugged errors with the students, enhancing their problem-solving skills and confidence.