

ZYAD ELMAGHRABY

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OBJECTIVE

Entry-level Software Engineer with a Bachelor's degree in Computer Science and hands-on experience developing, testing, and debugging software in Linux environments. Strong foundation in object-oriented programming, software development life cycle practices, and system-level problem solving. Effective communicator with experience collaborating in Agile teams.

EDUCATION

Bachelor of Computer Science, University of Arizona

December 2023

Minor: Arabic

Honors: Dean's List

SKILLS

Programming Java, Python, Bash, C/C++

Operating Systems Windows 10/11, Linux (Ubuntu)

Databases SQL (MySQL, PostgreSQL), MongoDB

Soft Skills Clear communication, customer service, Agile teamwork

EXPERIENCE

Java Intern

October 2024 - January 2025

Revature

Remote

- Developed and tested backend software components using Java within a structured Agile software development life cycle.
- Designed REST-based services and implemented unit tests to validate functionality and edge cases, improving software reliability.
- Worked extensively in Linux environments to configure applications, troubleshoot runtime issues, and analyze logs.
- Collaborated with cross-functional team members to integrate software components and resolve defects on schedule.

Account Executive

May 2024 - September 2024

BuildZoom

Tempe, AZ

- Communicated technical concepts clearly to customers and internal teams, strengthening written and verbal communication skills.
- Collaborated with engineering and product teams to support customer-facing solutions under time-sensitive deadlines.
- Developed discipline in task prioritization, documentation, and accountability — critical in regulated, schedule-driven environments.

PROJECTS

Spring-Based Messaging API (Linux Environment) Developed and tested a backend software application supporting user account management and full CRUD operations for messages using Java. Implemented authentication and authorization controls and managed data persistence with relational databases (MySQL/PostgreSQL). Built, deployed, and debugged the application in a Linux environment, applying structured software development life cycle practices, system configuration, and troubleshooting to ensure reliability and correct system behavior.