ALI MASHNI

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OBJECTIVE

Software Engineering student with a strong foundation in backend development, data structures, algorithms, and full-stack web technologies. Passionate about building scalable software solutions and continuously expanding my knowledge through hands-on projects and coursework. I look forward to applying my technical expertise in software development, problem-solving, and system design to contribute to the success of innovative projects.

EDUCATION

King Fahd University of Petroleum & Minerals | Dhahran, Saudi Arabia

Bachelor of Science in Software Engineering   **August 2021 – June 2026 (Expected)**

- Cumulative GPA: 3.97/4
- Major GPA: 4/4

- Concentration in Cyber Security
- Top 10 Students in Prep Year

Relevant Coursework

Data Structures and Algorithms, Web Development, Software Design, Software Quality, Object-Oriented Programming.

Extracurricular Activities

Smart Study Scheduler System   **January 2025– Present**

Designed and developed a web-based student time management system using **React, MongoDB, and Node.js** to help university students efficiently organize their academic and personal schedules. The platform features a dynamic scheduling system that prioritizes tasks based on deadlines and automatically adjusts study hours during exam periods

Web-based Project Management System   **September 2024 – December 2024**

Developed a project management system that stores and manages all the data of employees, teams, and projects using Java for implementing the backend and MySQL for database management. The system includes features that help managers track progress and assign tasks easily.

EXPERIENCE

King Fahd University of Petroleum & Minerals | Dhahran, Saudi Arabia

Grader for object-oriented programming   **September 2023 – December 2023**

- Reviewed and graded 575+ lab assignments across 23 labs for a section of 25 students, ensuring adherence to best coding practices and industry standards.
- Provided personalized feedback to help students enhance their understanding of object-oriented programming.

Grader for programming in Python and C   **June 2023 – August 2023**

- Developed a comprehensive grading rubric to ensure consistency in evaluating assignments.
- Graded approximately 450 assignments assessing accuracy, code quality, and adherence to coding standards.

SKILLS

Programming Languages: Java, Python, JavaScript

Database Management: MySQL, MongoDB, PostgreSQL

Web Development: HTML, CSS, JavaScript, React, Node.js (certified in Responsive Web Design)

Development Tools: Git, GitHub, Lucidchart, VS Code, IntelliJ IDEA, JIRA, Figma

Software Engineering Concepts: Agile Methodologies, Software Development Life Cycle (SDLC), API Development

Languages: Arabic (Native), English (Fluent – Used in Academic and Professional Settings, STEP Score: 91)