FARAS AL KHARUSI

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EDUCATION

The university of Michigan   **Michigan, USA**
B.Sc. Computer science and information systems   *Jan 2018 – 2022*
- **GPA:** 3.1
- **Relevant Courses:** Data structure and algorithms, Software engineering, Discrete structures I&II, Java programming, Web development, Computer organization and assembly language, Database management systems, computer networking, design patterns and software arch, operating systems, intro to software security, mobile apps design & implementation.

PROFESSIONAL EXPERIENCE

PhazeRo   **Muscat, Oman**
Software Engineer   *September 2022 – Present*
- Utilized diverse tech stacks under the guidance of knowledgeable mentors.
- Conducted client visits and participated in remote meetings to ensure clear communication and understanding of project requirements.
- Practiced Agile methodology for efficient project delivery.
- Worked closely with multidisciplinary teams comprising designers, project managers, product managers, and software engineers with diverse levels of expertise to foster effective collaboration and deliver successful project outcomes.
- Developed software solutions using RESTful APIs and Remote Procedure Calls (RPC) via RabbitMQ for reliable communication between distributed systems.
- Demonstrated advanced proficiency in Postman for designing, testing, and debugging APIs.

The University of Michigan   **Michigan, USA**
Research assistant   *June 2021 – September 2021*
- Assisted in conducting research projects under the guidance of senior researchers and faculty members.
- Contributed to literature reviews, data collection, and analysis to support ongoing research initiatives.

PROJECTS

Employees trip management mobile application   **Muscat, Oman**
Software Engineer (Frontend)   *Nov 2022 – Feb 2023*
Responsibilities:
- Developed a mobile app for a prominent oil and gas company to optimize employee routes and commutes.
- Implemented features that allowed employees to book trips and parking spaces for their daily commute between work camps.
- Integrated real-time data updates to provide employees with up-to-date information on trip availability and parking options.
- Conducted extensive testing and debugging to ensure a smooth user experience and app performance.

Key achievements:
- Delivered app on time, exceeding client expectations.
- Received positive feedback for improved efficiency and decision-making.
- Contributed to scalable and modular architecture.

Technologies Used: React Native, express,js, RESTful APIs, Redux & saga, GIT

Health, safety and environment system   **Muscat, Oman**
Backend engineer
Responsibilities: *Sep 2022 – Present*
- Collaborated with the cross-functional team to understand requirements and design the backend architecture.
- Maintained RESTful APIs using Java Jersey framework for efficient communication between mobile app and server.
- Handled server-side business logic and data processing algorithms for incident reporting, safety inspection data, and other HSE functionalities.
- Worked closely with frontend developers to ensure seamless integration and functionality between backend and frontend components.

Key achievements:
- Successfully contributed to the development of a robust backend system for the HSE mobile app.
- Ensured high-quality backend system through rigorous testing and debugging.
- Worked as part of the maintenance team for that app to ensure everything worked perfectly.

Technologies Used: Java, Jersey, Tomcat Server, RESTful APIs, MySQL, Integration with External Systems

SKILLS & INTERESTS

Technical Skills: Python, C++, Java, PHP, Node js, React js, React Native, HTML, CSS, Javascript, SQL, MongoDb, Postgres, Git, Github, Zenhub, Jira, Confluence, Swagger, Postman.

Soft Skills: Good Communication, Time management, Problem solving, Open for feedback, Adaptability and Flexibility, Agile methods. Task effort estimation.

Languages: Arabic, English