Ahmaide Awawda

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Education

University of New Mexico   New Mexico, USA
M.Sc. in Computer Science   *Aug 2024 – Present*

Birzeit University   Birzeit, West Bank
B.Sc. in Computer Systems Engineering   *Sep 2019 – Feb 2024*

Professional Experience

Amazon   New Mexico, USA
Area Manager   *June 2024 – Present*
- Selected for Amazon's leadership development program (AD1, P4L, LEW, AR Academy) aimed at training future area managers.
- Currently leading the Stow Department team to optimize operational throughput and enhance overall efficiency.

Exalt Technologies Ltd.   Ramallah, West Bank
Backend Engineer Intern   *Jun 2023 – Sep 2023*
- Acquired in-depth experience in backend development, emphasizing industry-standard design patterns, clean code principles, and software engineering best practices.
- Developed a robust task management microservice application, enhancing backend functionalities and user experience.

Tech Fellowship Participant   *Jun 2023 – Sep 2023*
- Selected for the prestigious EXALT Scholars program, an elite fellowship awarded exclusively to top-performing students.
- Cultivated advanced technical skills through weekly sessions covering Frontend and Backend Development, Agile methodologies, Design Verification, DevOps practices, Mobile Development, and automated testing.

Projects

Farm Supervisor Mobile Application | *GitHub*
- Developed and deployed a mobile application for farm supervision, leveraging machine learning models in **Django** to provide real-time recommendations and warnings to farm operators.
- Utilized **MongoDB** and **PostgreSQL** for managing large datasets, enabling seamless API-driven interactions.
- Led the design and development of a responsive, intuitive UI using **Java** and **FXML**, ensuring high usability and user satisfaction.

Task Manager Web Application | *GitHub*
- Engineered a microservices-based task manager application, with secure authentication using **JWT tokens** and scalable event-driven architecture using **Kafka**.
- Integrated both **MySQL** and **MongoDB** to efficiently handle relational and non-relational data, ensuring performance at scale.
- Successfully containerized services with **Docker**, facilitating seamless deployment and scaling across cloud environments.

Technical Skills

Programming: Java, Python, C, C++, Shell Scripting, JavaScript
Frameworks & Tools: Spring Boot, Django, Docker, Kafka, Linux, Git, OpenGL, AWS
Databases: MySQL, PostgreSQL, MongoDB

Honors, Awards & Competitions

NP-Optimization (May 2023): **2nd place** over local universities in Foothill Technologies NP-Hard contest.
Google HashCode (Feb 2022): **2nd place** localy and **top 5% worldwide**.
IEEExtreme (Oct 2023, Oct 2022): Contributed in a 24 hour problem-solving contest on campus.