

# Ahmaide Awawda

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## Summary

Driven software engineer and U.S. citizen blending backend and cloud development with having operations leadership experience from Amazon. Promoted to Area Manager II for delivering measurable impact in logistics efficiency and cross-functional coordination. Proven ability to deploy scalable services using backend services. Currently advancing an M.Sc. in Computer Science at UNM while building real-world projects in ML and microservices.

## Education

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

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

## Professional Experience

**Outlier** Remote  
May 2025 – Present  
*Freelance AI Specialist*

- Performed AI evaluation and annotation tasks for model training for large-scale language models.

**Amazon** Albuquerque, NM, USA  
Jun 2024 – Present  
*Area Manager II*

- Increased process efficiency by 12% with the supervision of 30+ associates in ops, with tech-driven environment.
- Promoted to Area Manager II in less than a year for exceeding operational targets and leading high-impact initiatives.

**Exalt Technologies Ltd.** Ramallah, West Bank  
Jun 2023 – Sep 2023  
*Backend Engineer Intern*

- Developed and deployed a Spring Boot microservice with Docker and integrated JWT-based authentication.
- Collaborated within a Git-based team and enhanced skills in clean code, design patterns, and scalable backend practices.

## Certifications

AWS Certified Cloud Practitioner.

Udemy: Front-End Development (HTML, CSS, JavaScript, Bootstrap, Angular, React).

## Projects

**Farm Supervisor Mobile Application** | *GitHub*

- Developed a native Android app with Spring Boot and Django microservices for ML-powered crop recommendations.
- Built real-time alerts, fuzzy-matched symptom diagnosis, and pest outbreak notifications using Scikit-learn and APIs.
- Designed a dual-database system with PostgreSQL for user auth and MongoDB for dynamic agricultural data retrieval.

**Handwritten Character Recognition Using CNN** | *GitHub*

- Built a CNN model with data augmentation to classify Arabic handwritten characters, achieving 97.9% test accuracy.
- Applied MobileNet and transfer learning to pass custom CNNs, boosting accuracy and reducing training time by 50%.

## Technical Skills

**Languages:** Java, Python, JavaScript, C, C++, Shell, HTML, CSS, Verilog HDL

**Cloud and Databases:** AWS (EC2, S3, Lambda, IAM), MySQL, PostgreSQL, MongoDB

**Frameworks/Tools:** Spring Boot, Django, Docker, Kafka, Git, Android, OpenGL, Arduino, Bootstrap, Angular

**Knowledge:** Machine Learning, Image Processing, Cryptography, Linux, Multithreading

## Honors & Awards

Google HashCode: 2<sup>nd</sup> place locally, Top 5% globally (2022)

NP-Hard Coding Contest: 2<sup>nd</sup> place (2023)