

# MARIA AIDARUS

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## EDUCATION

### Carnegie Mellon University

BSc in Information Systems with a Double Minor in Business Administration and Tech Entrepreneurship

Graduation: May 2025

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## WORK EXPERIENCE

### DevOps Engineer Intern | Qatar Science & Technology Park (QSTP) | February - May 2025

- Built CI/CD pipelines using GitHub Actions for automated multi-part app deployments to AWS EC2.
- Configured and managed AWS S3 and Route 53 for scalable hosting and optimized DNS routing.
- Deployed Dockerized apps with Nginx for efficient static file serving and improved performance.

### Project Manager Intern | American Tiger LLC | August - October 2024

- Led a cross-functional team to deliver a web project on time and within scope, using agile methodologies..
- Facilitated communication between developers and stakeholders to ensure alignment on goals and timelines.
- Analyzed user feedback to drive iterative improvements, ensuring the final product met user and business needs.

### Web Architecture Intern | American Tiger LLC | July - August 2024

- Developed a Django and React-based web application for data processing in the medical field.
- Built and managed the entire backend architecture to support scalable and efficient data processing.
- Configured JWT-based authentication, ensuring secure handling of data through best practices and security audits.

### Software Engineering Intern | Avey | December 2023

- Developed and implemented a Python-based data management system integrating cloud service APIs.
  - Enhanced workflow efficiency through a terminal-based interface for data inventory and label management.
  - Created comprehensive documentation and utilized Git & GitHub for version control.
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## PROJECTS

### Information Systems Consulting Project | Gulf Organization for Industrial Consulting (GOIC)

- Spearheaded the development of a comprehensive website tailored to the client's specific needs using WP Engine.
- Managed the deployment and ensured a robust, scalable, and user-friendly digital presence.
- Demonstrated exceptional leadership, project management skills, and achieved project milestones on time.

### Clickbait Detection Using BERT | II-411 NLP Course

- Developed a BERT-based text classification model for detecting clickbait headlines.
  - Implemented data preprocessing, tokenization, and model training using PyTorch and the Hugging Face library.
  - Evaluated model performance using metrics such as accuracy and loss on training, validation, and test datasets.
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## CERTIFICATES

- **Cybersecurity Fundamentals Certificate** | IBM
  - **Engineering in Healthcare** | Texas A&M University
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## SKILLS

**Programming** : Proficient in Python, C++, Java, Ruby

**Web Development**: Proficient in Ruby on Rails, Django, Node.js, TypeScript, Javascript, React, HTML, CSS

**Deployment & Cloud Services**: Proficient in Netlify, Flask, GCP, AWS, Docker, Firebase

**UI/UX Design & Prototyping**: Proficient in Balsamiq, Figma, AdobeXD

**Data Visualization and Analysis**: Proficient in Matplotlib, Pandas, R, RStudio

**Database Management**: SQL, MongoDB, PostgreSQL

**Languages**: Native proficiency in English and Arabic, Elementary proficiency in Dutch