Khaled A.Y Shaheen

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PROFFESIONAL SUMMARY

Junior Back-end Developer skilled in designing and developing efficient software solutions. Experienced in full SDLC, client consultation, and problem-solving with a focus on high-quality code.

EDUCATION

Saint Cloud State University, Saint Cloud, MN   December 2023
Bachelor of Science in Computer Science, GPA 3.95

Texas Tech, Lubbock, TX   December 2025
Master of Science in Data Science, GPA 4

TECHNICAL SKILLS

Java, Python, API Development, Software Design, System Configuration, Testing, Debugging, Documentation, Full SDLC, Reusable Components, Client Consultation, Problem-Solving, High-Quality Code Standards

EXPERIENCE

Ameriprise Financial, Minneapolis, MN   May 2023 – August 2023
Technology Intern
- Enhanced checks extraction accuracy by 20% through implementation of refined training procedures and rigorous testing using Kofax Total Agility Intelligent Document Processing
- Collaborated with team to enhance customer service by improving the accuracy of checks extraction and reducing loading time of Java MVC web application by 40%
- Implemented robust data validation and error handling mechanisms, ensuring data integrity and system reliability within MVC application

T2, Saint Cloud, MN   June 2022 – August 2022
Software Developer Intern
- Led creation of robust library management system for partner company using .NET, MSSQL, and WinForms, resulting in 60% increase in efficiency in book tracking and rental management
- Engineered ASP.NET MVC web app with Entity Framework and RESTful APIs, improving vacation tracking by 30% and enhancing communication between employees and managers
- Streamlined performance and maintainability by refactoring legacy RESTful APIs in .NET for multiple applications, resulting in 10% increase in system efficiency and reliability

PROJECTS

- **Transportation Events Visualization** – Developed a dynamic web app integrating frontend JS, Flask, and PostgreSQL with spatial extensions for efficient visualization and analysis of individual movement patterns
- **Doctor Chatbot** – Created an AI Doctor Chatbot by fine-tuning a pre-trained LLM (Llama 2 by Meta) with Hugging Face, enabling conversation about medical terms
- **Task Manager** – Developed a Python web-based task manager application using Flask, integrating both SQL and NoSQL databases to manage user login information and track tasks assigned to each user across various statuses

CERTIFICATIONS

Analysis with Python (FreeCodeCamp, Jan. 2024), **AI A – Z** (Udemy, Feb. 2024), **Introduction to Generative AI** (Google Cloud, May 2024), **Introduction to Data Science** (Harvard, June 2024)