

Khaled A.Y Shaheen

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[LinkedIn](#) • [Khaled Website Link](#) • [GitHub Link](#)

TECHNICAL SKILLS

Java | C# | C++ | Python | HTML | CSS | JavaScript | AJAX | jQuery | SQL | NoSQL | .NET | ASP.NET | ADO.NET | WinForms | Jira | Bitbucket | GitHub | MSSQL | MongoDB | OracleDB | PostgreSQL | KTA | OCR | Machine Learning | Data Extraction | Design Patterns | SOLID | Refactoring | Entity Framework | Flask | Spring MVC | Spring Boot | N-tier | RESTful API | OOP | ITIL | Agile | DevOps | Data Structures | Algorithms | Technical Documentation | Performance Analysis and Optimization | Docker | Excel |

EXPERIENCE

Technology Intern

May 2023 – Aug. 2023

Ameriprise Financial | Minneapolis, MN

- Mastered Kofax Total Agility for OCR enhancements, streamlining data extraction
- Reengineered workflows in Kofax Total Agility, resulting in 30% increase in system performance
- Trained and tested 30+ documents weekly, leading 20% improvement in Kofax Total Agility's extraction and classification capabilities
- Troubleshoot 13+ complex issues in Java MVC web application, enhancing its UI and backend functionality
- Optimized Java MVC web application, reducing UI loading time 40%
- Attended professional seminars, social events, and volunteer activities refining networking and business skills
- Engaged with Ameriprise's Speaker Series, learning life and career lessons from Executive Leadership Team
- Presented work and recommendations to Ameriprise's Technology CIO, contributing to company growth and development

Software Developer Intern

June 2022 – Aug. 2022

T2 - Business Research & Development | Riyadh, Saudi Arabia

- Engineered 3 robust projects, implementing N-tier architecture to enhance reusability and software maintainability.
- Spearheaded the adoption of Entity Framework in multiple projects, resulting in 30% reduction in development time and cost.
- Pioneered 2 RESTful APIs, enhancing data security for HR vacation management system
- Achieved 25% performance boost in the Time and Attendance system through adept use of ADO.NET
- Swiftly transformed WinForms File Management system into dynamic Web applications, meeting requirements on a tight schedule
- Architected intricate database schemas, strengthening data integrity and efficiency across diverse projects
- Enriched HR vacation management system with automated approval workflows and a refined dashboard UI
- Volunteered in various events such as packing food, and planting flowers and trees

Course Work / Profession Related Projects

Aug. 2023 – Dec. 2023

- Built a task manager that is a web application using Flask that used two databases (SQL, NOSQL) to keep track of user's login info, and keep track of tasks to each user, under different statuses
- Coded a visualization function for a web application in Flask that used data for persons events in a map which was read and stored in the database from an XML data file
- Developed Java GUI MVC drawing program
- Designed and implemented the backend of a warehouse management system using Java and design patterns such as Singleton, Façade, Observer, etc.

EDUCATION

St. Cloud State University | Bachelor of Science in Computer Science

Jan. 2021 – Dec. 2023

- GPA: 3.95/4.0
- Dean's list; 7 consecutive semesters
- Graduated with Summa cum laude honors

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CERTIFICATIONS

- **The Complete Python Bootcamp From Zero to Hero in Python**, *Udemy* – Jan. 2024
- **Collaboration**, *Minnesota State IT Center of Excellence* – May 2022
- **Critical Thinking**, *Minnesota State IT Center of Excellence* – May 2022
- **Initiative**, *Minnesota State IT Center of Excellence* – May 2022
- **Data Analysis with Python**, *FreeCodeCamp* – Jan. 2024