

Abdelrahman Nassar

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Java Developer, IT Engineer, Network Engineer

Enthusiastic Java Developer with extensive hands-on project based academic and internship experience seeking an entry-level position to start a career in the US and expand technical expertise. Committed to completing assignments efficiently and exceeding expectations. Previous experience as a java and spring boot developer.

Java • JavaFX • MySQL • Spring boot • JasperSoft • HTML5 • JavaScript • React • OOP •
Microservices • Python •

Languages: Java, Python

Web: HTML5, CSS, Javascript, microservices

Web Services: REST

Web/App Servers: Apache

Frameworks: Spring boot

Databases: MySQL

Design Patterns: singleton

Tools: Maven, eclipse, VS code, pycharm, IntelliJ, firewalls, Windows server, JasperSoft

Platforms: Windows, Windows Server2016

Big Data: Spark, Pig.

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

PERSONAL/FREELANCE EXPERIENCE

Online IT Management System

- Email reminder for unresolved tickets and device checking and updates.
- A ticketing system
- A chat between the user and tech support
- Graphs to show number some statistics.
- Technologies used: Java, Spring Boot, JavaScript, ReactJS, REST, MySQL, Jasper Reports

Leet Code Solutions

- <https://github.com/AEIN2010/LeetCode>

IT Documentation System

- It is a desktop app to aid IT department in Keep track of devices.
- MySQL DB for storing technical info and user details.
- Enabled logging maintenance history for each device.
- Implemented diverse report types, facilitating data analysis.
- Streamlined device data management.
- Facilitated data-driven IT decisions.
- Technologies used: Java, JavaFX

Tic-Tac-Toe Game

- <https://github.com/AEIN2010/Tic-Tac-Toe-JavaSwing/README.md>

Class Attendance System

- https://github.com/AEIN2010/Class_Attendance_System/README.md

INTERNSHIP EXPERIENCE

Al-Tyseer Group , Yanbu Industrial City, Saudi Arabia • 01/2023 – 08/2023

A group that has a logistics company and chemicals company.

IT intern

Responsible for everything related to network and IT in the company

- Troubleshoot Office computers and devices to keep devices operational
- Solve network and internet issues for both wired and wireless systems for cisco devices (routers and switches)
- Replace malfunctioning parts, testing components to solve hardware and software issues
- Managed some security rules and configurations using Sophos firewall
- Completed repairs with minimal oversight to restore equipment functions and network connectivity
- Answered telephone calls to assist computer users encountering problems
- Assisted supervisors with troubleshooting and technical support tasks.
- Troubleshoot CCTV cameras system (hardware and software)
- Managed users in the active directory of the company's internal domain
- Troubleshooted internal telephone system

Technologies Used: *MySql, Cisco devices, nmap, firewalls, CCTV systems, putty*

ACADEMIC PROJECTS

MIU (2023)

Shopping Website: A shopping website for my Web Application Programming course; designed to create a simple e-commerce website using NodeJS. Created frontend UI using Javascript for appealing user integration and experience. Utilized NodeJs, javascript, HTML, CSS.

MIU (2023)

Alumni Tracking System: Application to keep up with the MIU alumni across the globe. It is a social media application allowing alumni to showcase their profile and success stories. Created the backend using Spring, Springboot and Spring security. Managed access to MySQL using spring JPA. Developed frontend UI using React. Utilized spring, spring boot, spring security, RESTful API, React, MySQL.

MIU (2023)

e-Commerce Website: A robust working prototype of e-commerce website for my Software Architecture course using microservices. Created microservice to keep track of items based on Cart Wishlist. Deployed Docker image service on Azure. Utilized Spring Boot, Redis, HTML, Microservices, Azure, Docker

EDUCATION

Masters in Computer Science

(In progress via distance education; expected completion 11/2025)

Maharishi International University, Fairfield, Iowa

Key Courses: *Modern Programming Practices, Big Data Technology Web Application Programming, Web Application Architecture, Software Architecture*

Bachelor of Science in Computer Engineering

Yanbu Industrial College, Yanbu Industrial City, Al Madinah (10/2022)

Key Courses: Object Oriented Programming (Java), Electrical Engineering, Network Administration,
Database Management, C Programming

CERTIFICATIONS

CCNA

Oracle Java Certified Foundations Associate