Warsay Teklebrhan Asresehey

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https://github.com/WarsayT

SUMMARY

Ambitious, versatile, hard-working, technically proficient, computer literate, self-motivated, and Cisco Certified IT Networking and Security professional Information Technology student currently completing Bachelor of Science in Information Technology. I'm proficient in software development that involves object-oriented programming, full-stack web development, java programming, cybersecurity, and cisco networking. Being a passion-driven person, I always keep teaching myself new and trending technologies in hopes to utilize them in my future career. Seeking to advance my knowledge in computer science, I would like to pursue my master's degree in computer science by joining your honored university, Maharishi International University (MIU).

PROFESSIONAL SKILLS

Programming Languages: Java, C, Python, Vanilla JavaScript, CSS, HTML, React, Nodejs, ExpressJS, TypeScript

Databases: MySQL, MongoDB

Tools: Atom, IntelliJ, PyCharm, RStudio, Visual Studio Code, UML XAMPP, UML, Microsoft Office Suite, Microsoft Project, Adobe Creative Suite

Platforms: Windows 7/8/10, UNIX, Linux, Ubuntu, Arduino uno

Networks: Network Administration Foundations, Security foundation

Others: Calculus, Linear Algebra, Ethical Hacking, System Analysis and Design, Probability and Statics, Data Analytics

PROFESSIONAL EXPERIENCE

Zayed University, August 2022 – October 2022 (currently working)

Address: Abu Dhabi, UAE

Position: Associate Software Engineer, Part-time, Internship

Project name: Center for Student Success

Project Description: Renovating the website for Center for Student Success (CSS) that serves numerous services related to academic advising and risk control such as booking advising and tutoring appointments.

Project Duration: 7 weeks

Programming Duration: 8 hours per day

Technology and Tools Involved:

- **Programming and Markup Languages:** JavaScript, HTML, CSS
- **Frameworks:** Express.js, Node.js, Bootstrap
- **Tools and Platforms:** Visual Studio code, Chrome developer tools, windows 10, macOS

Responsibilities:

- Review the website of Center for Student Success
- Explore other home pages for local and international universities
- Gather self-report feedback from students, faculty, and staff to ascertain what kinds of services, activities, skills, etc. are needed for promote student success.
- Offer suggestions for improvement to CSS site.
- Submit a demo of the renovated website for Center for Student success.

42 Abu-Dhabi, July 2022 – August 2022

Address: Abu Dhabi, UAE

Position: C programmer (pisciner)

Project name: Intensive C language bootcamp

Result: Passed

Project Description: The 42 piscine is a worldwide known coding bootcamp that believes in free education. As part of the main campus, the 42 Abu Dhabi is located at the Mena Abu Dhabi and is becoming the favorite place to learn C language coding in the UAE. The aim of this project to is to provide quality education for free. The method of learning is a peer-to-peer, where students are exposed to various coding problems and solve them while maintaining a peer-to-peer interaction. As part of the curriculum, students are expected to make over 50 peer reviews.

Project Duration: 25 days

Programming Duration: over **12 hours** of coding per day including weekends.

Technology and Tools Involved:

- **Programming:** C language only
- **Tools and Platforms:** macOS, macOS terminal, vim, gcc compiler

Responsibilities:

- Complete exercise modules
- Review my peers work and grade them
- Explain my solution to my peers

Project name: Interior Car Washing System

Project Duration: November 2021 - December 2021

Position: System developer

Project Description: The aim was to develop a user-friendly, flexible, and scalable car washing system that is easy to use and maintain. It was a university curriculum-based project. It was object-oriented programming project and we used python tinker to develop the GUI. The system allows the user to order the type of car washing they want and makes the payment online. It was an intensive project and demanded at least 4 hours per day on the weekdays to complete it on time.

Technologies used:

- **Programming language**: Python
- **Programming tools**: windows 10, PyCharm, UML

Responsibilities:

- Brainstorming
- Design and develop a class diagram
- Programming
- Testing and debugging

Company Name: Wikianos Supermarket

Address: Asmara, Eritrea

Duration: June 2021 – September 2021

Position: Website Developer, Paid, Fixed-Term Contract

Project name: ShemtNOW.

Project Description: The main objective of the web application is to enable family/friends to buy and pay groceries for their loved ones living in Asmara from outside the country. Amid the

covid crisis, the price of necessities such as groceries has skyrocketed due the lack of supply and distribution system. Hence, the giant supermarket Wikianos wanted a system to ease this burden upon the families of the city. Hence, the web application allows people living outside the country to buy and pay for groceries to their families living in the city of Asmara. And the supermarket will deliver the groceries to their intended receiver. *On the client side*, the dynamic website allows the user to search for items from the database and displays them to the user. The customer, then, can create a cart and add items to the cart. Upon checkout, the customer leaves a destination address. *On the server side*, the web application stores the orders creates an order number for the user to be used upon delivery. Hence, recipient living in the Asmara with the same order number will be able to receive their orders. Hence, they won't have to worry about the covid restrictions. MongoDB was used to manage the data available in this web application

Programming Duration: 3 months

Technologies used:

- **Client Side, Tools, and IDEs:** HTML, CSS, Bootstrap, JavaScript, VS Code, Chrome
- **Server Side:** Node.js, Express.js,
- **Database:** MongoDB

Responsibilities: In the project, I was responsible to assist in the following tasks:

- **Requirement and Analysis Phase:** Gathering relevant information on what technologies should be used, and how those technologies can be integrated.
- **Design Phase:** Planning Project deliverable and Designing system architecture and DB schema.
- **Coding Phase**: Design UI using HTML, CSS, Bootstrap, JavaScript
- **Testing:** Functionality Testing, Usability Testing, Interface Testing, Performance Testing,

IT CERTIFICATIONS (Link attached to each certificate**)**

- [Java Programming Masterclass covering Java 11 & Java 17](#)
- [Java 11+ Essential Training](#)
- [Learning Java](#)
- [The Complete 2022 Web development Bootcamp](#)
- [Introduction to Artificial Intelligence](#)
- [CCNA: Switching, Routing, and Wireless Essentials](#)

- [CCNA: Introduction to Networks](#)

EDUCATION

- **BS in Information Technology (Networking and Security)**, Zayed University, Abu Dhabi, UAE, 01/2019 - 05/2022 CGPA is 3.78
- **Computer Engineering, Education Eritrean Institute of Technology**, Mai-Nefhi, Eritrea, 09/2017 – 07/2018 CGPA is 3.2

HONORS

- [Awarded dean's list certificates for 7 semesters](#)
  - 08/2019 – 09/2022
- Merit-based fully funded Scholarship to Zayed University
  - 01/2019 by Ministry of Education, UAE