Talha Fareed

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SKILLS

- Experience and fluency in multiple programming frameworks (i.e., Java, C, Python, HTML).
- Ability to design and implement applications using Object Oriented Design techniques.
- Ability to program and implement network applications for network administration purposes.
- Experienced with scrum-based development process.

EDUCATION

Bachelor of Science in Honor's Computer Science with Software Engineering Specialization   2018 – 2022
University of Windsor, Windsor, ON

- Highlighted courses: Object Oriented Programming using Java, Systems Programming, Algorithms and programming in C, Computer Architecture, Languages Grammar and Translators, Marketing, Data Structures and Algorithms, Computer Networks.

PROFESSIONAL EXPERIENCE

Front-end Software Developer intern, Full-time   July 2021 – Sep 2021
G.B.I.E, *Windsor, ON*

- Created a fully functional front-end for company database using HTML5, CSS, JavaScript and used PHP as the server-side infrastructure.
- Worked with Senior Developer to finalize and implement major design elements.
- Interviewed the userbase to get feedback on certain features and to test UI and UX elements.
- Created and deployed a Microsoft webserver using IIS.
- Codded different SQL queries for PHP form handling and displaying data to the user.
- Collaborated with the project team to debug code and deploy effective solutions.

Network Administration and IT Intern, Full-time   Jan 2021 – Apr 2021
Bridging North America (BNA)—Gordie Howie Bridge Project, *Windsor, ON*

- Worked in a team to operate and maintain a Hybrid Client- Server Architecture.
- Collaborated with IT coordinator to troubleshoot a variety of hardware and software related issues.
- Worked with Microsoft Azure active directory environment fulfil administrative tasks.
- Coded SQL queries on the persistent table for merging and filtering requirements.
- Deployed network devices on Microsoft Intune device management platform.
- Worked with an extensive SQL database within the Microsoft Azure infrastructure.
- Extensively worked within Windows Active Directory Environment to log and manage active network users.

Connected Solutions Specialist, Part-time   Aug 2019 – Jan 2021
Best Buy Store*, Windsor, ON*

- Provided exceptional customer service and assisted customers with product and service inquiries to target customer needs and maximize sales.
- Employed essential sales and inquired about customer needs to provide services such as Product Service Plans (PSP), Product Replacement Plans (PRP) and in-home setup services.
- Surpassed sales metrics consistently for the company as a part time associate.
- Acquired Apple specialization, safety training and other training.

PROJECTS

InvestStep (Http, CSS, JavaScript, ReactJS, PHP)

- Created a fully functional website which can be used to record crypto holding as well as learn about crypto and different related concepts.
- Used Html and Php forms to create a login authentication portal for users to access their holdings and relevant information.
- Codded a markets page for cryptocurrency prices for the top 100 crypto coins using ReactJS and integrated API calls.
- Integrated a MySQL database used to record new users and their credentials.
- Tested the platforms functionality and overall cohesion through regress testing strategies i.e. Usability testing and Performance testing.

Vibez Music Player (Java)

- Created a music player for locally stored music files on any machine via the java object-oriented design framework.
- Used java libraries to extract key information lyrics and official music video for the current song being played.
- Implemented features like *Volume up, Volume down, Play, Pause, Mute* and *Skip song*.
- Programmed a lyric button which scraps the internet for data related to the music files and displays its lyrics and music.

Network Administration Application (Python)

- Created a network application using Scappy and its built-in libraries.
- Implemented Traceroute functionality between the job seeker and job creator to calculate hops between the system to a target.
- Designed the server to send the IP and MAC address of all active devices on a network to view on the client side.

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