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EXPERIENCE

Full Stack Development Internship

May – Aug 2021

Tech Solutions Inc., a company developing a website for small businesses

- Enhanced platform features and developed new features using an Agile and iterative planning methodology in sprints
- Identified and corrected errors in the code in collaboration with the product team
- Maintained and manipulated the Firebase database

PERSONAL PROJECTS

Collaborative "Spot the Difference Web Game"

Jan 2022 – May 2022

Anytown University

- Built an Angular user interface in TypeScript and managed communication with a NestJs server and a Mongo database
- Utilized WebSocket and HTTP protocols during collaborative games
- Replicated the Web App into a mobile version with Flutter using Dart
- Planned project stages according to the Agile method as a team and collaborated to establish SOA

Robotic Arm ML Extracurricular Project

Sept 2022 – May 2023

InnovaTech, a student engineering organization

- Collaborated with other engineering students to develop a Machine Learning model that estimates the movement of a robotic arm by mapping sensor information
- Trained Machine Learning models in Python using TensorFlow and Scikit-learn

- Implemented solutions to software issues alone and in a team during code reviews

Music Streaming Platform

Sept – Dec 2022

Anytown University

- Developed a Spotify-like web application with a REST API microservice using HTML, CSS, Java, and JavaScript
- Built a front-end interface using ReactJs and a NodeJs server

Sensor Controlled Robot

Jan – May 2022

Anytown University

- Developed an embedded systems project in C++ to program robot movements on Linux using VMWare
- Collaborated using branching, merging, and version control Git processes

EDUCATION & CERTIFICATIONS

Bachelor's in Software Engineering

2021 - 2025

Anytown University

Machine Learning Initiation Class

Nov 2022

Global Tech University (online)

Deep Learning Initiation Class Certificate

March 2023

Institute of Advanced Studies (online)

SKILLS

- Python, C, C++, Java, JavaScript, TypeScript, NoSQL, PostgreSQL, MakeFile, HTML, and CSS
- Figma, Angular, Firebase, NodeJS, NestJS, React, AWS cloud development, TensorFlow, Linux, VMWare, Git
- Ability to work independently and collaborate within a team
- Quick learner and adaptable to new environments and technologies