Philip Hutchinson

Junior Fullstack Developer

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Summary

I have been programming for 4 years now and ever since I first started I have loved it. It is a genuine passion for me and I absolutely love it more and more everyday. I love learning new technologies, learning new languages and expanding my knowledge about the challenging but exciting world of programming.

Below you will find some projects I've done that will showcase my skills and background of programming.

Experience

Galaxy Forum - (https://github.com/philip727/galaxy-themed-forum)

A full stack single page application written in TypeScript, made using React, Redux, NodeJS, Express, TailwindCSS and SocketIO. It can be used as a base for a forum that is feature rich and easy to setup. Using tokens to automatically sign the user in, using SQL to keep persistent data, Redux to have an immutable store for the client performance and writing my own passport for JWT verification on the server.

Written using Object-orientated principles such as a interfaces, classes and generics, and written with raw SQL Queries instead of using an ORM.

Horizon's Edge - (https://github.com/philip727/2D-World-Generation)

A 2D Open World Survival Game, this application was written in C# using the unity engine. It consists of an infinitely generated world and a full inventory system.

Completely written from scratch with the use of Object-Orientated programming using generics, inheritance, abstraction, polymorphism, encapsulation and a lot more.

P-Sharp - (https://github.com/philip727/p-sharp)

An interpreter for a language I have made called p-sharp based on a mix of C# and JavaScript. Completely written in Rust from scratch.

Uses Object-Orientated principles such as inheritance, abstraction and encapsulation.

Personal Attributes

Organised - Before any project, I find myself writing a list of what I need to do, creating to-do lists, managing my time of what needs to be done first before I can proceed on with the project.

Problem solver - When I run into a problem in a project, I will constantly work until it's fixed. I love solving problems in programming and it's what keeps me determined to keep learning and understanding and researching into the technologies I use.

Fast learner - I love learning new technologies in programming and when I do learn something new I learn it fast.

Determined - I am always determined to learn more and expand my knowledge about programming, I love learning new technologies and solving problems.

Skills

Programming languages
C#, Python, Javascript(ES6), Typescript, HTML, CSS/Sass/PostCSS, Rust, Lua, SQL

Libraries & Frameworks
React, Vue, TailwindCSS, Redux, NodeJS, Express, SocketIO

Tools
AWS, Git, MySQL Workbench, Docker

Education

Codenation 2023 - Remote
Master: Computer Science - Focus on web app development with React.js and cybersecurity and how to keep web-apps secure.

Hobbies

Programming, reading, gaming