

Kyle Alexander Pearce

Full-Stack Software Engineer

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Relevant Experience

Full-Stack Software Engineer @ Sigma Labs XYZ

April 2021 - Present

- 12 week full-time, 60+ hour weeks intense Full-Stack Software Engineering training with the goal of making me an extremely high potential Full-Stack junior developer.
- The training was world class practical software engineering experience.
- Training ensures I can hit the ground running and add value from day one in a professional development team.
- Experience with working in intensive professional development teams to create non-trivial real applications under time constraints.
- Object Oriented programming training.
- Test Driven Development training.
- Team project version control with git and GitHub training.
- Agile methodologies (Kanban boards, retrospectives, sprints, Dailey stand-ups) training.
- Front-End development training (React, CSS, JavaScript, JSX, JSON)
- Back-End development training (Deno, None.js, API's, SQL)
- DataBase development training(PostgreSQL, SQLite)
- Online hosted deployment training (Netlify, Heroku, ElephantSQL)
- Experience building and deploying non-trivial Full-Stack web apps.
- data science training, gauging significance of data using python and pandas and basic predictive modelling and regression analysis.
- Web security training, SQL injection attacks, authentication and authorisation, cryptography and encryption.
- Professional High performance training, goal setting and problem solving, affective planning and execution, professional work place best practices and code of conducts and etiquette.

Full-Stack Software Engineer @ Versko Ltd

July 2018 - April 2019

- Made developments, designed and provided 24/7 support for one of the clients, Simply Cashflow Limited, accountancy software.
- Worked with the Full-Stack.
- Used Agile Development Methodologies and offered all transparency to the client.
- Completed tickets assigned to me and deployed the developments onto both development and test servers, before passing the code onto the network team that handled live deploys.
- Worked extremely close with the Versko team, having daily technical discussions and building solutions together.

Qualification

University of the West of Scotland

2015 - 2020

- BSc (Hons) (Sandwich) in Computer Games Technology - First Class

Skills

Programming Languages

C++ (C++20), C, C#, PHP, Python, Java, JavaScript

Structural Languages

HTML, CSS, SQL, JSON, XML

Graphics Languages

HLSL, GLSL

Front-End Frameworks

React, Vue.js, Angular

Back-End Frameworks

Deno, Node.js, Apache Struts

DataBase Frameworks

PostgreSQL, SQLite, MySQL

Graphics API's

OpenGL, Vulkan, DirectX

Web Libraries

Axios, Ajax, JQuery

Version Control

Git, GitHub

Other Systems/Software/Frameworks

.NET stack, Apache Ant, XAMPP, DBVisualizer, phpMyAdmin, WinSCP, PuTTY

Package Managers

npm, Yarn

Online/Cloud Hosting

Netlify, Heroku, ElephantSQL

Extra

Design patterns, Assembly Language, Mathematics

Projects

Online Portfolio

<https://kylepearce.netlify.app/>

Rent-A-Thing

A Full-Stack app were a user can find an item to rent, or post one to be rented:

<https://rent-a-thing.netlify.app/>

Interests

Brazilian Jiu-Jitsu, running, swimming, spending time with friends and family.