

PRESENT STATUS

Seeking a Back End or Full Stack Developer role.

My Tech Stack: TypeScript, Node.js, React, AWS

Current employment: Full Stack TypeScript Developer at THE World University Insights (Times Higher Education)

Previous roles: The NBS (Full Stack TypeScript Developer), Ctrl Hub (Cross platform mobile developer - Angular / Ionic), BlackRock (Hands on technical lead - Python / Angular developer), JP Morgan Chase Bank (Python developer), Lockheed Martin (C# / AngularJS Developer)

SOFTWARE ENGINEER INDUSTRIAL EXPERIENCE: 8+ Years

Expert skills

- **[Back end]:** TypeScript / Node.js (~3 years) / Python (~3 years)
- **[Front end]:** React (17 months), Angular 2 to 11 (various projects in industry)
- Expert practised knowledge of Object Oriented Programming (OOP)
- Unit testing & integration testing & e2e testing - testing in combination with CI / automated builds

Notable achievements in industry:

- ❖ Developing the World University Rankings and Global Sustainability University Impact Rankings at THE
- ❖ Developing the UK industry standard for construction specification software: NBS Chorus
- ❖ Ctrl Hub multi-platform mobile app - designed and developed an offline-capable mobile app; for digitising paper forms in the utility industry;
- ❖ BlackRock Investment Management - designed, developed and deployed a back end Python server exposing API endpoints; those endpoints were consumed by client side Angular sessions;
- ❖ JP Morgan Chase Bank Swiss swaps migration - interest rate swaps, downstream feeds and e-trading;
- ❖ Lockheed Martin multi-platform mobile marketing tool - developed a hybrid mobile app.

EMPLOYMENT HISTORY

Times Higher Education (THE) World University Insights (Remote)

Full Stack TypeScript Developer

January 2022 - Present

Technologies: TypeScript, Nest.js, Node.js, AWS, PostgreSQL, Docker, React, REST API, Jest, Cypress, Git, Jira, VSCode

Rewrite of www.robrendell.co.uk - From Python to TypeScript

September 2021 to January 2022

Full Stack JavaScript Developer

Technologies: TypeScript, React, Node.js, Express, REST API, AWS S3, AWS DynamoDB, AWS Lambda, Jest, Heroku, Git

The NBS (Hybrid, Newcastle upon Tyne, UK)

Full Stack TypeScript Developer

March 2020 to September 2021

Technologies: Angular 11, TypeScript, GraphQL, Node.js, AWS Lambda, AWS S3, Git, Azure DevOps, VSCode

Ctrl Hub (Gateshead, UK)

Senior Front End Software Engineer

July 2019 to Nov 2019

Technologies: Angular 8 (with NgRx/Store and NgRx/Effects), Ionic Framework 4, PouchDb, CouchDb, Linux (Ubuntu), Git, Jira, Confluence

BlackRock Investment Management (Edinburgh, UK)

APG-CSO-Command Center Operations Developer - Associate

March 2018 to January 2019

Technologies: Python 3, Flask, Angular 4, Linux, Windows, Git, PyCharm, Jira

Software Portfolio Website Development

Full Stack Software Engineer

January 2018 to February 2018

Technologies: Python 3, Django 2, SQLite, AJAX, HTML, CSS, Git, PyCharm

Travelling

Denmark, Indonesia, Oceania, South America

July 2017 to December 2017

JP Morgan Chase Bank (Glasgow, UK)

Rates Derivatives Application Developer - Technology Analyst Programme

September 2015 to July 2017

Technologies: Python 2, Google Protobuf, XML, Smalltalk, bespoke source control, Jira

Lockheed Martin Business Technology Solutions (Glasgow, UK)

13 Month Industrial Placement - Public Sector Developer

July 2013 to August 2014

Technologies: AngularJS, PhoneGap, SQL Server, Git

EDUCATION

(2010-2015) University of Strathclyde, Glasgow: First Class BSc (Hons) Software Engineering

(2004-2010) Larbert High School

Scottish Advanced Highers: Music (A), Highers: Computing (A), Maths (A), Music (A), Physics (C), German (C), Int II: Physics (A) Music (A), Std.

Grades: Maths, Computing, Geography, German, Physics, English and Chemistry

INTERESTS

- ❖ Travelling; I have travelled Europe, Southeast Asia, Australia, New Zealand, South America and India.
- ❖ Exercise; running, cycling and gym - I cycle to work and regularly run. I took part in Northumberland Half Marathon '20, Edinburgh Half Marathon '18 and '17, Great Scottish Run Half Marathon '16 and Tough Mudder '13. I enjoy skiing.
- ❖ Music; Currently learning traditional fiddle. I achieved Grade 7 violin and bass guitar. I played in the Glasgow Studio Orchestra for two seasons.
- ❖ German language; I am currently taking lessons to eventually become fluent in a second language, as I think it is important to learn another language as an adult.

REFERENCES

THE WUI LTD | Human Resources | HR_Team@timeshighereducation.com | 26 Red Lion St, London, WC1R 4HQ, United Kingdom

The NBS | Human Resources | 0191 232 9594 | The Old Post Office, St Nicholas' St, Newcastle upon Tyne NE1 1RH, United Kingdom