ROBERT RENDELL First Class, BSc (Hons) Software Engineering

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PRESENT STATUS - Seeking a remote Full Stack / Back end TypeScript Engineer role
Current employment: Full Stack JavaScript Developer at THE World University Insights (Times Higher Education)
Previous roles: The NBS (Full Stack JavaScript 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 (2.5 years) / Python (~3 years)
- ➢ **[Front end]:** React Hooks (11 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 (Jenkins) / 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 JavaScript Developer
January 2022 - Present
Technologies: TypeScript, Nest.js, Node.js, AWS, PostgreSQL, Docker, React Hooks, Jest, Cypress, Git, Jira, VSCode

[Personal Project] Rewrite of www.rob-rendell.co.uk - From Python to TypeScript
September 2021 to January 2022
Full Stack JavaScript Developer
***Technologies**: TypeScript, React, Node.js, AWS S3, AWS DynamoDB, AWS Lambda, Jasmine, Heroku, Git, Github, Heroku CI/CD*

The NBS (Hybrid, Newcastle upon Tyne, UK)
Full Stack JavaScript Developer
March 2020 to September 2021
Technologies: Angular 11, TypeScript, 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

[Personal Project] Software Portfolio Website Development
Full Stack JavaScript Developer

January 2018 to February 2018
Technologies: Python 3, Django 2, SQLite, AJAX, HTML, CSS, Git, PyCharm

[Personal Project] Travelling
Denmark, Indonesia, Oceania, South America
July 2017 to December 2017
Technologies: Legs, Curiosity, Annoying Traveller Radar, Digital Map of all the Temples to Avoid

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
Ancient History 20xx to Ancient History 20xx
Technologies: C#, AngularJS, Web API, PhoneGap, ASP.NET, SQL Server, Git, SVN, Jira

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 (www.robcelticfiddle.co.uk). I achieved Grade 7 violin and bass guitar. I played in the Glasgow Studio Orchestra for two seasons. I write Goof Jazz Pop music and have released an EP produced in Glasgow (www.shiva-archetypes.com) 2022.
- ❖ 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 | Michael Allen (Manager) | michael.allen@timeshighereducation.com | 26 Red Lion St, London, WC1R 4HQ
The NBS | Jonathan Pickering (Manager) | 07540436684 | The NBS, The Old Post Office, St Nicholas' St, Newcastle, NE1 1RH

All views and opinions expressed in any content shared / mentioned in this document are all my own.