Stephen **Hopkins**

SOFTWARE ENGINEER

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Summary

Full stack software engineer with extensive experience with React, Typescript, and .NET / C#. Experience leading projects for a consultancy as well as working as part of a cross functional team for a startup. Looking for remote or hybrid London based opportunities.

Experience

rViz Ltd.
Manchester UK - Remote

FREELANCE SOFTWARE ENGINEER
Feb. 2023 - May 2023

- Provided expert consultation on modern development practices and integrating Azure B2C and Active Directory.
- Guided architecture and technology decisions.
- Developed a robust application for efficient user management and PowerBI report assignment.
- React, Typescript, Node, Azure Functions, Azure B2C, Active Directory.

Qubisoft Pty Ltd
Melbourne, Australia - Remote

SENIOR SOFTWARE ENGINEER
Jan. 2021 - Nov. 2022

- Led the development of an application to handle price and capacity bidding for an Australian electricity market participant, improving bidding efficiency and saving staff time by automating previously partly manual processes.
- React, Typescript, .NET Core Web API, C#, and MySQL.
- Developed a serverless architecture application for a speed dating company, enabling online speed dating events for up to 20 people with features such as group video chats, event booking and payment, and match display.
- Azure Functions, Service Bus, B2C, React, Typescript, C#, Twilio, and Stripe.
- Maintained and enhanced a hospitality industry stock management application using React and Django.
- Mentored junior engineers and contributed to architecture decisions in the team.

Vald Performance
Brisbane, Australia

SOFTWARE ENGINEER
Jul 2019 - Dec 2020

- A flexible full stack role within a small engineering team in a rapidly growing start-up, working with a distributed micro-services architecture.
- Responsible for new training program functionality for a major product including web front end and supporting APIs.
- Key part of a multi disciplinary and international group managing the integration of a newly acquired product onto VALD systems, including implementing significant permissions system enhancement.
- Guided and supported junior engineers in their professional growth.
- Technologies: C#, .NET Core, Typescript, React, Azure Table Storage (NoSQL), SQL Server, Redis, Terraform, Jenkins, Octopus.

Youniqify
Melbourne, Australia

FOUNDER
Aug. 2014 - Apr. 2016

- Building a flexible product customisation application for integration with small online retailers.
- Technologies: Typescript, React, Redux, Golang, Google Cloud Platform.

Bacco Wines
Melbourne, Australia

CONTRACT DEVELOPER
Jun. 2017 - Jul. 2018

- Built a multi-platform mobile shopping app for a wine retailer.
- Technologies: Xamarin, C#, .NET, MVVM, XAML, SQLite.

Millie Savage Jewellery
Melbourne, Australia

CONTRACT DEVELOPER
Jan. 2017 - Jul. 2018

- Built a multi-platform mobile shopping app for a wine retailer
- Technologies: JQuery, Javascript, HTML, CSS.

DST Bluedoor (now SS&C)
Melbourne, Australia

SOFTWARE DEVELOPER
Sep 2012 - Dec 2017

- Working on the Bluedoor product, a third party superannuation, fund platform and wealth manager registry solution.
- Played a significant role in the development of Electronic Business Submission for a large UK client, dramatically reducing end user workload per case.
- Facilitated knowledge transfer to newly established Indian development office through on-site training and online support.
- Served as Technical Lead to cover paternity leave, ensuring seamless project continuation.
- Technologies: .NET Framework, VB.NET, SQL Server.

Education

Imperial College London
London, UK

M.Sc. in Computing Science
Sep. 2011 - Sep. 2012

- Achieved Pass with Distinction (highest grade).
- Final Term Project: Developing and evaluating music recommendation software using emotional responses as recorded by the Epoc Emotiv (a consumer EEG headset). Used a k nearest neighbour algorithm, implemented in C++ with QT.
- Group Project: Developing a teaching tool to demonstrate properties of random boolean networks, and the Hopfield neural network, using C++ with QT.
- Courses: Software Engineering Algorithms, Machine Learning, Computer Networks & Distributed Systems, Artificial Intelligence, Computer Architecture & Operating Systems, Object Oriented Design & Programming, C++ Programming, Logic & AI Programming.

University of Manchester
Manchester, UK

B.A.(Econ) (Hons) in Economic and Social Studies.
Sep. 1996 - Sep. 1999

- Achieved an upper second class honours, with specialisation in finance.

Other Experience

London & Capital
London, UK

Private Client Executive
Jan. 2011 - Sep. 2011

- Investment performance analysis, research, report writing, client communication.

HFS Consultants
London, UK

Paraplanner
Apr. 2010 - Dec. 2010

- Financial planning, regulatory compliance, implementing new business processes, research, report writing.

Baigrie Davies & Co
London, UK

Paraplanner
Aug. 2005 - Aug. 2008

- Financial planning, research, report writing.

Grant Thornton UK LLP
Bury St Edmunds, UK

Financial Planning Administrator
Apr. 2004 - Aug. 2005

- Financial planning administration.

Exodus Travels
London, UK

Reservations Consultant
Jun. 2000 - Dec. 2004

- Customer service, reservations processing