Stephen **Hopkins**

SOFTWARE ENGINEER

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Summary

Full stack software engineer with extensive experience with React, Typescript, and NET Core in both start-up and enterprise environments. A focus on end user experience and writing clean, easy to maintain code. Holds computer science degree from a top university, with good communication and interpersonal skills.

Experience

rViz Ltd.
Manchester UK - Remote

FREELANCE SOFTWARE ENGINEER · *Feb. 2023 - May 2023*

- Initial consulting on Azure B2C and corporate Active Directory integration.
- Building an application to handle user assignment of Microsoft PowerBI Reports.
- React, Typescript, Node, Azure Functions, Azure B2C, Active Directory

Qubisoft Pty Ltd
Melbourne, Australia - Remote

SENIOR SOFTWARE ENGINEER · *Jan. 2021 - Nov. 2022*

- Built a web application to handle market bidding for an Australian electricity market participant, focusing on high availability and security. React, Typescript, .NET Core Web API.
- Built a video speed dating application. React, .NET Core, Azure Functions, Azure Service Bus, Twilio Video, Stripe, Active Directory B2C.
- Implemented accounting integration for a hospitality industry application. React, Python, Django.
- Mentoring junior developers.

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. Includes contributing to requirements workshops, design discussions, development, devops and deployment, 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.
- Responsible for mentoring a junior developer.
- Technologies: C#, .NET Core, Typescript, React, Azure Table Storage (NoSQL), SQL Server, Redis, Terraform, Jenkins, Octopus.

Youniqify
Melbourne, Australia

FOUNDER · *Aug. 2014 - Apr. 2016*

- Development and marketing of a configurable product customisation web app aimed at small businesses.
- Technologies: Typescript, React, Redux, Golang, Google Cloud Platform.

Bacco Wines
Melbourne, Australia & LA, U.S.A

CONTRACT DEVELOPER · *Jun. 2017 - Jul. 2018*

- Analysed requirements, design and development of an Android / iOS mobile shopping app.
- Implemented API server which is communicating with game client and In-App Store, along with two other team members who wrote the game logic and designed game graphics.
- Technologies: Xamarin, C#, .NET, MVVM, XAML, SQLite.

Millie Savage Jewellery
Melbourne, Australia

CONTRACT DEVELOPER · *Jan. 2017 - Jul. 2018*

- Analysed requirements, designed and developed a jewellery customisation web app and new Shopify ecommerce site.
- 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.
- Travelling to India to train developers in newly established office.
- Included a period as acting Technical Lead covering paternity leave.
- Software design, development, testing, and producing documentation artifacts.
- Included requirements analysis, participating in development workshops and conference calls.
- 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