Chris Vroegop

Software Engineer with a strong Cloud and DevOps background

97 Queen's Gate, South Kensington, London SW7 5AE | christophervroegop@gmail.com | LinkedIn | +44 7387 334247

Selected Experience

Application Engineer	Jan 2022 –
Accenture	Dec 2023

.NET Developer, myWizard RPA360
- Developer on the myWizard RPA360 system, delivering distributed cloud-based monitoring of hundreds of client RPA systems.
- Upgraded and enhanced React.js application frontend.
- Enhanced reliability and fault recovery for NET WinForms/C++ Win32 client applications.
- Migrated client orchestration server to .NET 6 with SignalR.

Build Lead, Major Hardware Retailer
- Planned and oversaw the fixed-contract Accenture delivery of a data mesh built on C#/.NET, Azure EventGrid and Kubernetes microservices, as well as an ETL solution built on Apache Spark and Azure Synapse.
- Primary liaison between client staff and offshore development team of 11 developers and 4 QAs.

AWS Engineer, Major Transportation Company
- Delivered integrations between Salesforce, billing and in-house systems through MuleSoft and custom TypeScript/Java code running on an AWS serverless framework (Lambda/Step Functions/SQS/API Gateway).
- Built a Python framework for automating health checks on deployed AWS resources and integrated into project Jenkins pipelines.

Junior Data Scientist	Nov 2019 –
Watercare Services Ltd	Dec 2021

- Developed a complex water usage forecasting application in Python, and supported deployment to AWS as a serverless application.
- Validated, unit tested and containerised two legacy R Shiny applications with Docker/Fargate, and produced Terraform and Jenkins scripts for productionisation in an AWS environment.

Education

Conjoint Bachelor of Science/Bachelor of Commerce
University of Auckland
- Majored in Computer Science, Statistics and Economics
- 8.4/9.0 GPA

Portfolio

GrayOut Windows application
- Win32 utility application written in C++ 20.
- Sets PC screen to grayscale on a schedule to reduce stimulation/distraction.
- Source code and builds available here.

Personal website: chrisvroegop.com
- SPA written in React/TypeScript.
- Includes a fully-functional Tetris implementation.
- Hosted on AWS using S3/CloudFormation.
- Source code available here.

Certifications
- Microsoft DevOps Engineering Expert
- Microsoft Azure Administrator
- AWS Solutions Architect – Associate
- AWS Developer - Associate

Personal Interests
- Hiking and the great outdoors.
- Yoga
- Hackathons
  - Winner of GovHack 2023 Victorian EV Uptake Challenge.