

## WORK EXPERIENCE

---

- **Software Engineer, IAG** 2023-Now
  - Migrate existing insurance application codebase to the Guidewire Cloud Platform
  - Build integration solutions to automate claim processing workflows, including auto reserve update and payment submission
  - Develop and deploy real-time data streaming solutions utilizing Kafka and AWS
  - Build and maintain APIs for various third-party service integrations such as SAP BAPI and MuleSoft

Skills: RESTful APIs, Git, Java, Kafka, AWS, Jenkins, Guidewire, SOAP
  
- **Cloud Engineer, Accenture** 2022-2023
  - Provision, configure and maintain cloud infrastructure defined as code
  - Ensure cloud orchestration and automation are operating based on target SLAs
  - Ensure security and compliance in the Cloud

Skills: Infrastructure as code, CI/CD, Terraform, Azure, AWS, Python
  
- **Associate Solution Architect, ANZ** 2021-2022
  - Collaborate with the development team to develop a mobile payment app with a cloud-first strategy
  - Implement governance and monitor the development progress

Skills: Cloud Infrastructure Design, AWS
  
- **Teaching Assistant, The University of Auckland** 2018-2021
  - Lab demonstrator in the undergraduate computer lab
  - Tutor for COMPSCI 230 (Java Programming) and 316 (Information Security)
  - Assignment marker for COMPSCI 210, 230, 316, and 340

Skills: Java, Python, C, C++, C#, F#
  
- **Web Application Developer, The University of Auckland** 2019-2020
  - Enhance an automarking system used in algorithm courses at the university
  - Upgrade backend code and add new dynamic features, such as complex table sorting
  - The tech stack is LAMP + Java

Skills: PHP, MySQL, Java, HTML, CSS, JavaScript, Bootstrap, jQuery
  
- **Research Assistant, The University of Auckland** 2018-2019
  - Contribute to scientific research and programming efforts for projects in computer networking

Skills: Wireshark, GNS-3, NS-3, C++, MATLAB, Network Management

## EDUCATION

---

- MSc in Computer Science (1st Class), The University of Auckland 2020-2021
- BSc(Hons) in Computer Science (1st Class), The University of Auckland 2017-2020

## AWARDS

---

- Guaranteed Postgraduate Scholarship, The University of Auckland 2020
- Summer Research Scholarship, The University of Auckland 2019

## CERTIFICATES

---

- ICAgile Certified Professional 2023
- AWS Certified Solutions Architect (Associate) 2022

- |  |      |
|--|------|
| ■ Microsoft Certified: Azure Fundamentals                              | 2022 |
| ■ Microsoft Certified: Azure Data Fundamentals                         | 2022 |
| ■ Microsoft Certified: Security, Compliance, and Identity Fundamentals | 2022 |
| ■ HashiCorp Certified: Terraform Associate                             | 2022 |

#### PUBLICATION

---

- |  |      |
|--|------|
| ■ Automated Security-Focused Network Configuration Management: State of the Art, Challenges, and Future Directions, IEEE DSA | 2022 |
|--|------|