Jinglu Xu

Software Engineer
mixlulu@gmail.com
https://jingluxu.github.io/
Auckland, New Zealand

WORK EXPERIENCE

- **Software Engineer, IAG** — 2023-Now
  - 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 Spring Boot
  - Migrate existing insurance application codebase to the Guidewire Cloud Platform

  Skills: RESTful APIs, Java, Kafka, AWS, Git, Jenkins, SOAP, Guidewire Cloud Platform

- **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

- **Cloud Engineer, ANZ** — 2021-2022
  - Collaborate with the development team to develop a mobile payment app with a cloud-first strategy

  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