Jinglu Xu

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

WORK EXPERIENCE

- **Customer Communication Engineer, IAG** — 2025 - Now
  - Design and implement document templates, schemas, layouts, and stylesheets using the SmartComms application
  - Use AWS and Java to configure and maintain the CI/CD pipeline between SmartComms and downstream/upstream services, including Guidewire and OpenText Documentum

  Skills: SmartComms, CI/CD, AWS, Java, Git, Bamboo, Terraform

- **Guidewire Engineer, IAG** — 2023-2025
  - Build integration solutions to automate claim processing workflows, including auto reserve update and payment submission
  - Develop and deploy real-time data streaming solutions by using Kafka and AWS
  - Build and maintain APIs for various third-party service integrations
  - Migrate the existing insurance application codebase to the Guidewire Cloud Platform

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

- **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

- Guidewire Certified Associate   2024
- Guidewire Certified Specialist (ClaimCenter)   2024
- 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,   2022
  and Future Directions, IEEE DSA