

Jinglu Xu

Software Engineer
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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, and Future Directions, IEEE DSA	2022
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