Jinglu Xu

Software Developer
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Auckland, New Zealand

WORK EXPERIENCE

- **Guidewire ClaimCenter Developer, IAG** — 2023-Now
  - Migrate existing Guidewire 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: Guidewire, RESTful APIs, Git, Kafka, Jenkins, Agile Methodologies

- **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
  - Fix previous bugs 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