Jinglu Xu

Software Engineer
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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 SAP BAPI and MuleSoft
- 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

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,   2022
  and Future Directions, IEEE DSA