

# SHIJUN WANG (JAMES)

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## SUMMARY

With 5+ years in full stack development and a Cloud Support and DevOps certification, I'm eager to transition in cloud engineering. My skills in automation, performance optimization, and debugging enable me to design scalable cloud solutions and drive innovation efficiently.

## EXPERIENCE

### GENERATION SINGAPORE (IN PARTNERSHIP WITH MICROSOFT AND TEMASEK POLYTECHNIC)

SCTP Cloud Support and DevOp

Jul 2024 - Present

- Completed a 12-week intensive training program, Passing Cloud Support and DevOp track (Bootcamp - the main interactive **self-directed** learning platform).
- Acquired foundational skills in Azure cloud engineering and successfully deploying web app via Azure CLI.
- Building a plug and play responsive mobile ecommerce website, with payment gateway function and basic storage table and live streaming services hosted on Microsoft Azure.

### IBM INNOVATION SERVICES PTE LTD

Application Developer

Sep 2019 - Apr 2024

- **Developed automation** applications to streamline finance operations, significantly reducing manual routine tasks.
- Implemented **Java Selenium**-based applications to **automate** regression testing across web browsers, enhancing QA efficiency and reducing manual testing efforts.
- **Optimized** the performance of the web and microservice application by minimizing user-reported bugs, leading to improved user satisfaction.
- **Enhanced** back-end microservice application by adding new APIs and improving existing ones, increasing user adoption rates.
- **Achieved** a reduction of 150,000 hours in operational tasks through the development of web applications, RPA, and Java applications, demonstrating strong problem-solving and innovation skills.

### KAPPS CONSULTING PTE LTD (INTERNSHIP)

Analyst

Sep 2018 - Jul 2019

- **Reverse-engineered** a data reconciliation JAR file to incorporate new features, deploying it on the bank server using scripting and Dockerfile, which streamlined development and testing processes.
- **Leveraged** existing outdated JAR files to reduce development time and costs, demonstrating **resourcefulness** and **cost-efficiency**.
- **Communicated** complex technical solutions clearly to stakeholders, ensuring alignment and understanding across teams, while driving continuous improvement in processes and outcomes.

### MSIG SINGAPORE (CONTRACT)

Senior Executive, Bancassurance (Commercial Lines)

Jun 2016 - Mar 2017

- **Automate** management reports to save 50% of the time needed to compile the report, using VBA and macro.
- **Manage channel conflict** and ensuring stakeholders get the best outcome from the conflict.

## CHINA TAIPING INSURANCE (SG) PTE LTD

Executive underwriting (Personal and Commercial Lines)

Jul 2009 - Jun 2016

- Ensure **successful testing** and **launching** of web product, which expanded the distribution channels and reducing manual operations.
- **Built and maintained relationships** with consumer, providing tailored advice and training. Recognized for exceptional customer service in 2012 and 2013.

## SKILLS

- **Programming Language:** Python, Java
- **Operating System:** Linux, Windows
- **Javascript Runtime Environment:** NodeJS
- **Cloud Platforms:** IBM cloud, Microsoft Azure
- **Databases:** IBM DB2, MySQL, PostgreSQL
- **Other:** Problem-solving, Communication, Cross-functional collaboration, Manual test cases documentation
- **CI/CD Tools:** Github Actions
- **Project management tool:** Jira
- **Virtualization and Containerization:** Docker, QEMU
- **Automation:** Shell Scripting, RPA
- **Source Control Management:** Git, Github

## EDUCATION

### GRADUATE DIPLOMA IN SYSTEMS ANALYSIS

ISS - NUS

Feb 2018 - Feb 2019

### BACHELOR OF SCIENCE (APPLIED MATHEMATICS)

National University of Singapore

Apr 2004 - Apr 2008

## PROFESSIONAL CERTIFICATIONS

### MICROSOFT CERTIFIED: AZURE FUNDAMENTALS

Microsoft

Oct 2024

### ICT ASSESSMENT CERTIFICATION FOR SOFTWARE DEVELOPER

GovTech Digital Academy / ISS - NUS

Apr 2024

## PROJECTS

### 1. INTELLIGENT WORKFLOW BILLING & INVOICE APPLICATION

**Description:** Transformed existing monolithic application into microservices and developed a next-generation information system with hybrid cloud and AI with tailored to local user needs.

**Technologies Used:** Python, Java, IBM DB2, PostgreSQL, Pentaho, IBM Cloud

### 2. REGRESSION TESTING AUTOMATION

**Description:** Implement automate regression testing across web browsers, enhancing QA team efficiency and reducing manual testing efforts.

**Technologies Used:** Java, Selenium

### 3. RESPONSIVE CV WEB DESIGN

**Description:** Creating a responsive mobile web CV, url: <https://solla-sollew.azurewebsites.net/>

**Technologies Used:** Python, HTML, CSS, JavaScript, Bootstrap, hosted on MS Azure

### 4. EVERYTHING DURAIN

**Description:** Creating a MVP ecommerce website with payment gateway, data analytics, inventory & CRM management.

**Technologies Used:** WordPress + WooCommerce with WebApp hosted on MS Azure