DAVID CHUA
Software Developer - Singtel

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SUMMARY

Understanding the nuances of developing technical solutions excites me. As an experienced quality assurance engineer and software developer with a stint in Technology Strategy, I stay proactive in understanding the latest technologies such as cloud, cryptocurrencies, and blockchain development.

KEY SKILLS

Software Development, Quality Assurance, Technical Project Management, Stakeholder Management, Leadership, Data Analysis

EDUCATION

Bachelor of Science | Aug'16 – May'20
Information Systems Management (2nd Major in Banking Processes & Technology)
Singapore Management University (SMU)
GPA: 3.65/4 (Magna Cum Laude)

VOLUNTEERING EXPERIENCE

Overseas Service Learning Project Member | 2016
Conducted English and life skills lessons for Hoa Mi 2 Kindergarten

ADDITIONAL INFORMATION

Languages: English, Chinese
Interests: Finance, Crypto & Solidity programming, Salsa Dancing, Former Pro e-Sports (https://lol.gamepedia.com/PandaPaws)

WORK EXPERIENCE

Singtel | Software Developer   Apr'22 - Present
- Design and develop new Dash features to meet new business requirements
- Develop and automate testing across the application
- Gather functional requirements and develop technical specifications
- Work with product and other internal teams to troubleshoot and integrate across workstreams
Technologies Used: Java, Spring Boot, Oracle DB, MyBatis

Singtel | Management Associate   Jul'21 – Mar'22
(Technology Strategy & Transformation)
- Tested and validated 5G network field performance for consumer and enterprise use, with findings accepted by GCTO.
- Collaborated with Telefonica and MobileEdgeX for the Telco Edge Cloud (TEC) Trial, demo presented at Mobile World Congress 2022 Barcelona was awarded GSMA Excellence Foundry Award.
- Supported senior management in research on new technologies and opportunities presented to Singtel's main committee for approval.
- Coordinated the FY23 annual operating plan across digitalization and innovation initiatives for Technology Strategy & Transformation.
Technologies Used: Java, Apache Camel, MongoDB, Kubernetes, AWS EKS

Singtel | Management Associate (Digital Core)   Jul'20 – Jun'21
- Agile Squad Member responsible for delivery and quality assurance of new in-house middleware platform utilizing microservice architecture.
- Developed test automation tools using Karate & Cucumber framework, including a System Integration testing tool integrated with the Atlassian CI/CD suite.
- Managed 2 offshore Test Analysts hired to support QA work.
  Planned delivery and implemented productivity improvement items such as automated scripts and templates to increase efficiency by 25%.
- Coordinated the FY22 annual operating plan across Group IT initiatives for Core Systems.
Technologies Used: Java, MySQL, Redhat Openshift & JBOSS, Atlassian suite

Ninja Van | Regional Project Management Intern   Feb'20 – May'20
- Developed SQL scripts on Redash and Google Sheets to automate Finance and Operations reporting processes
- Collaborated with Product and Engineering teams for business requirements and project delivery

Goldman Sachs | Engineering Summer Analyst   May'19 – Jul'19
- Developed Excel macros to automate daily processes and improve efficiency
- Developed SQL scripts to cross-validate vendor data, improving data accuracy for products in Asian markets
- Created an MVP for a firmwide video recording and sharing platform during company hackathon

PROJECTS

Singtel | HackOne (Semi-Finalist)   Aug'20 – Sep'20
- Member of semi-finalist team in Singtel's inaugural annual hackathon, HackOne.
- Presented MVP of a big data ingestion solution to senior management

Scanteak | Analyteaka (Final Year Project)   Dec'18 – Dec'19
- Quality assurance and data analyst in predictive analytics project for Scanteak.
- Created analytics dashboards to provide marketing and sales insights for senior management.
- Developed customer profiling and data visualization modules
Technologies Used: Python, Dash, Plotly, Scikit-Learn