

Vishal Katwe

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EXPERIENCE

VOCUS | SOFTWARE ENGINEER

Sep 2024 - Present | Melbourne, VIC

- Built and launched Vocus Tech Ops Toolkit, an automation platform that automated 80% of the Operations team's daily processes, significantly reducing manual effort and improving efficiency across the operations of Dodo and iPrimus, Vocus's two flagship ISP businesses.
- Implemented 100+ operational automation scripts spanning our Telco BSS technology stack, including NBN, Optus, Salesforce, MuleSoft, and Zuora.
- Conducted active outreach and knowledge sessions across multiple teams in the business to promote the Toolkit and continuously expand its capabilities.

NAB | ASSOCIATE FULL STACK DEVELOPER

Feb 2022 - Sep 2024 | Melbourne, VIC

- Developed the infrastructure behind Miniapps, NAB's micro-frontend pattern.
- Devised and developed a multi-tenancy shell that hosts multiple digital experiences in the same codebase using OOP software design patterns, called the Universal Shell - which is now used by NAB Internet Banking!
- Lead and present in Technology Bootcamps - educate NAB developers about how to use the patterns and products that we (NAB-X) develop. These sessions run for 3 hours on a monthly basis.

KPMG | DATA SCIENCE VACATIONER

Dec 2021 - Jan 2022 | Melbourne, VIC

- In the AI Enablement team, tasked with designing and developing a Document Classifier ML Model, serving as the POC for an accounting automation product.
- Showcased my ML model to the wider KPMG Technology department at the conclusion of the 2-month vacation program.

CLUEY LEARNING | MATHEMATICS TUTOR

Dec 2020 - Dec 2021 | Australia

- Provided mathematics tutelage for students in Year 7-12 including VCE Maths Methods 3/4 and Specialist Maths 3/4.

PROJECTS AND CLUBS

CUPLE | PROJECT LEADER

A student-run social enterprise offering a sustainable alternative to single-use coffee cups through a smart cup borrow & return system.

- Led and managed a team of 15+ students and worked with partner cafés and local councils to promote our sustainable Swap Cups.
- Acquired 10+ partner cafés across 3 states in Australia.
- Pitched Cuple in the Universitas 21 Global Showcase and won the Provost Award alongside a \$2000 grant.

DIGITAL DOCKETS .

- Developed a web-app that digitizes the creation and storing of job dockets, which is currently used by 30XY, a waste removal and disposal small business in Melbourne's inner west.
- Built using a Firebase tech stack.

OVERLAND TRACK AVAILABILITY

- Created overlandtrackavailability.com, a website that helps hikers find booking availabilities on the Overland Track.

EDUCATION

UNIVERSITY OF MELBOURNE

BACHELOR OF SCIENCE

(COMPUTER SCIENCE)

2023 | Melbourne, VIC

WAM: 81.4

SUZANNE CORY HIGH SCHOOL

ATAR: 97.65

Year 12 Academic Excellence

VCE Physics 3/4 Topper

SKILLS

TECHNICAL SKILLS

Proficient With:

Python • Typescript/Javascript • HTML/CSS • React • Angular • Node • AWS • Terraform • CI/CD • DB management (SQL) • Git • Agile

SOFT SKILLS

Leadership • Teaching • Problem Solving • Bilingual Communicator (English, Pategar)

AWARDS & CERTS.

AWS Solutions Architect - Associate

2022 CISSA WinterHack Best Overall

Mobile App

Universitas 21 Provost Award

Deakin School of Engineering Award

FUN FACTS

INTERESTS

Entrepreneurship • Investing • Teaching

HOBBIES

Lifting • Hiking • Playing Flute