Kush Singhy

✉ kushsinghy02@gmail.com | ☐ 0470332324 | ⚲ Sydney, NSW

Education

University of New South Wales — *Kensington, NSW*
B. COMPUTER SCIENCE & B. ACTUARIAL STUDIES — *Graduation: May 2024*

University of Manchester — *Manchester, UK*
B. COMPUTER SCIENCE & B. ACTUARIAL STUDIES — *Sep 2022 – Feb 2023*

Work Experience

Westpac
SOFTWARE ENGINEER — *Jul 2024 – Current*
- Frontend mobile web developer working in a Scaled Agile framework.

American Express
GLOBAL MERCHANT SERVICES (GMNS) RISK INTERN — *Mar 2022 – Sep 2022*
- Developed and documented risk management strategies to onboard Fintech companies with American Express.
- Prevented 8 cases of credit card fraud by analysing and filtering American Express databases using SQL.
- Implemented strategies to streamline the GMNS teams' processes and reduce both monetary and reputational risk to the company.

Infosys
SOFTWARE ENGINEER — *Jul 2021 – Mar 2022*
- Full stack software development in JavaScript, React and Nodejs, using Agile development practices.
- Successfully coded and implemented innovative features for web-based loan applications. These were aimed at innovating the process and improving the user experience.

Curiosity Curve
TUTOR & FOUNDER — *Dec 2019 – Dec 2023*
- Founded a tutoring company focused on holistic student growth by creating a convenient and engaging online experience.
- Engaged in the core business functions of marketing, sales, finances, and operations.
- Successfully acquired and retained over 65 students through social media, word of mouth and a business website, recording numerous success stories and a high level of overall customer satisfaction.

Projects

Tutor Management Platform — *JavaScript, Python3, Github*
SCRUM MASTER OF A FULL STACK SOFTWARE DEVELOPMENT PROJECT IN WHICH MY TEAM AND I DEVELOPED AN INNOVATIVE TUTOR MANAGEMENT PLATFORM.

AMEX Database Fraud Analysis — *SQL*
WROTE SQL QUERIES TO IDENTIFY FRAUD PATTERNS AND DETECT POTENTIAL FRAUD IN AMEX TRANSACTIONAL DATABASES. DETECTED 8 CASES OF FRAUD DURING MY TENURE.

Curiosity Curve Website — *Wordpress, HTML, CSS*
DESIGNED A WEBSITE TO CONVEY THE BRANDING OF MY TUTORING COMPANY AND REACH NEW POTENTIAL CLIENTS. — *https://curiositycurve.com.au/*

AWS Cloud Innovation Case Competition — *AWS Data Migration Service, Amazon Aurora*
USING AMAZON CLOUD TECHNOLOGY, MY TEAM AND I DEVELOPED A STRATEGY THAT WOULD ENABLE MARINE CONSERVATION COMPANY, KAPUA, TO FULFIL IT'S VISION ON A GLOBAL SCALE.

Quantium Problem Solving Challenge — *Microsoft Excel*
ANALYSED THE IMPACTS OF A REDUCTION IN COMMISSION RATE ON HYPOTHETICAL COMPANY, RISKYLENDING, WITH 3 KEY DELIVERABLES: PROFITABILITY, BUSINESS MODEL VIABILITY & FUTURE ROAD MAP.

SYA Website

Wordpress

PRIMARY POINT OF CONTACT WITH THE WEBSITE DEVELOPMENT TEAM, HANDLING THE HANDOVER AND GARNERING A COMPLETE UNDERSTAND OF THE BACKEND.

https://www.sikhyouthaustralia.com/

Rival Gym CRM Automation

Hapana CRM, Google Sheets

INTEGRATED THE HAPANA CRM SOFTWARE INTO GOOGLE SHEETS IN ORDER TO REDUCE FRICTION IN ASSESSING CLASS FEEDBACK. THIS CREATED A CULTURAL SHIFT WHERE COACHES WERE MORE CONSCIOUS OF FEEDBACK, RESULTING IN INCREASED CLASS ATTENDANCE AND CUSTOMER SATISFACTION

Skills

Software: JavaScript, Python, HTML, CSS, SQL, R, Java, Wordpress, Github/Gitlab
Actuarial Science: Data Modelling, Probability & Statistics, Financial Maths
Soft Skills: Sales, Presentation, Marketing