

GARV SHAH

+61 417 047 047 | gshah.6110@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

Caulfield Grammar School - Wheelers Hill

Jan 2019 - Nov 2024

- Triple Colours for Academics, Debating, Public Speaking, Music, Community Service, Publications & Cheer Squad.
- Involved in music/theatre (part of 9 ensembles, 9 productions) & tennis, table-tennis, soccer, badminton, rock-climbing.
- President and administrator of school maths club and programming society, CGSP. Created school Maths Captain role.
- Member of committee, debating captain, house-captain & vice-captain, 10x Service Awards, 5x class captain.
- Led team of 6 for Digital Bulletin Board Project and led house events, like co-directing and creating musical.

WORK EXPERIENCE

Junior Engineers *Instructor/Teacher*

Dec 2022 - Oct 2023

- Worked with primary school children, building foundations in Cybersecurity, Arduino, Game Dev, Python and JavaScript.

Self Employed *Freelance Programmer, VCE Tutor*

NP Logistics, Verdis Government, etc. | May 2021 - Present

- Worked with various companies as an independent contractor (see projects). Also privately tutored 100+ hours for students studying VCE Maths Methods and Software Development.

CSIRO *Student Internship*

Sep 2022 - Oct 2022

- Worked with industry professionals on Titanium Alloy 3D Printing, Electron Microscopy, and Protein Synthesis.

Innovate Technology & Robotics Academy *Tutor/Assistant*

Mar 2022 - Jun 2022

- Worked with young students to build robotics & programming skills with VEX IQ as a past national championship winner.

PROJECTS

2cousins (Initiative under my non-profit Aporia, ABN: 87127315891) *Founder/CEO*

Flutter, Firebase

Led 15 international volunteers to teach 200+ students from underprivileged backgrounds weekly; designed custom curriculum and raised ~\$3k for rural development in India; nominated for 7NEWS Young Achiever Saward Dawson Social Impact Award.

The NOVA System *Founder/CEO*

Flutter, REST APIs, Firebase, Node.js

Created system to mimic live cryptocurrency transactions, holding workshops for 300+ students on financial education.

Negotiated VC investment for implementation into international IB curriculum before closure due to provider pricing changes.

CaulfieldSync

Next.js, REST APIs, iCal

Developed wrapper API that allows student infrastructure over school backend (created calendar integration + 4 peer apps);

worked with CGS IT team to increase cyber-security through bug bounty

NP Logistics *Freelance Contractor*

Flutter, Firebase, Node.js

Logistics solution managing 15+ orders weekly with live tracking to transition management to a digital platform.

Maths Club App

Flutter, Firebase

Integrated solution that provides an intuitive way to receive and create problems and connect school community.

AWARDS

Apple WWDC 2021 Scholarship Award *App Development*

Apple Inc. | Jun 2021

One of 300 global students awarded in the Swift Student Challenge, allowing me to attend the Worldwide Developer Conference.

IMMC Award of Meritorious Achievement *Statistical & Algorithmic Analysis*

ACER | May 2022

Placed 2nd in Australia for modelling most efficient way to board planes, proceeding to the international finals out of 58 finalists.

Non-Trivial Fellow *Research*

Non-Trivial | Jul 2024

Chosen from 3500+ global applicants as 1 of 200 in a fellowship for impactful research, policy or entrepreneurial projects.

Kwong Lee Dow Young Scholar *Leadership & Academic Excellence*

Melbourne University | Nov 2022

Chosen from 1500+ applicants for general excellence. Independently started a student community "Green" with 150+ members.

AMC Prize Award *Mathematics*

Australian Maths Trust | Oct 2021

Awarded the AMC Prize Award for being in the top 0.3% of students in the Australian Maths Competition.

VOLUNTARY WORK

VicSRC Executive Committee Member, National Student Voice Council Member

VicSRC | Oct 2023 - Present

Worked with national and state ministers on educational policy reform, advocating for student voice in Australia.

English and Computing/Design Teacher

Balyam (Bass) Children Home | Jun 2022 - Mar 2024

300+ hours volunteering teaching orphans in India, leading to completion of 2 high school diplomas with university entrance.

Open Source Contributor

May 2021 - Present

FOSS contributor namely within the Flutter ecosystem, actively maintaining AppFlowy, Flutter Quill & Visual Editor repos.

SKILLS & INTERESTS

Programming Languages: Flutter/Dart, Swift, JavaScript, Python, HTML, CSS, TypeScript

Software and Tools: Adobe Premiere Pro, Adobe After Effects, GitHub, Node.js, Firebase

Languages: Fluent in English, Hindi and Gujarati

Other Interests: Music lover, drummer for my band "Paradox" with published music. Hobbies include video editing and 3D modelling, created tv show for my school. Also love traveling, tutoring and reading books!