

# 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
- Member of committee, house-captain & vice-captain, 10x Service Awards, 5x class captain, raised \$750+ for Leukemia.

## WORK EXPERIENCE

### Junior Engineers *Instructor/Teacher*

Dec 2022 - Present

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

### Self Employed *Freelance Programmer*

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

- Worked with various companies as an independent contractor creating innovate solutions for clients (see projects).

### 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) *Founder/CEO*

Flutter, Firebase

Helped bridge the gap of education between borders by connecting volunteers and tutors across the world, running weekly Maths and English classes online at partnered organisations. Raised over \$1000 for internet infrastructure in Hyderabad.

### 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.

### CaulfieldSync

Next.js, REST APIs, iCal

Wrapper API allowing for student infrastructure over school backend (calendar integration + 4 apps).

### The NOVA System *Founder/CEO*

Flutter, REST APIs, Firebase, Node.js

Created system to mimic live cryptocurrency transactions, holding workshops across campus on financial safety/education using platform. Secured capital from VC investors and IB curriculum coordinators before closure due to provider pricing changes.

## 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.

### 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.

### ADF Future Innovators Award

Australian Defence Force | Nov 2022

Awarded for outstanding ability to demonstrate innovation and learning in STEM and leadership.

### 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.

### Duke of Edinburgh - Silver Award

DOE International | Jul 2023

Awarded for success in the endeavours of programming, community service and sports!

## VOLUNTARY WORK

### VicSRC Executive Committee Member

VicSRC | Oct 2023 - Present

Worked to represent students at the highest levels of decision-making, peak student representative body in Victoria

### English and Computing/Design Teacher

Balyam (Bass) Children Home | Jun 2022 - Present

Developed English, design and computer skills with orphans in India, leading to the completion of 2 high school diplomas.

### 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 songs. Hobbies include video editing and 3D modelling, created tv show for my school. Also love traveling, tutoring and reading books!