GARV SHAH

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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.

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.

CSIRO *Student Internship*   Sep 2022 - Oct 2022

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

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).

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.

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!

MISCELLANEOUS

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!