

# Shaunak Gadkari

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## SUMMARY

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I am a dedicated, self-motivated learner with an interest in technology and computer science.

## PROJECTS

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**Cardz** - Using machine learning to accelerate human learning

[Write-up](#)

Cardz is a website that enables users to create flashcards for any topic, just by highlighting a sentence in their textbook. The website uses machine learning to automatically generate flashcards from the highlighted text.

*Technologies*

Python (Flask), HTML/CSS, Svelte.js, GCP, Firebase, AWS SES, AWS S3

*Lines of code*

30k

**Notion Reading List** - Notion reading list auto-fill system

[Website](#)

A free guide on how to host your own Notion reading list auto-filler.

*Technologies*

HTML, CSS, Node.js

*Users*

Approx 400 per month

**Web security research** - Various bug bounties and CTF challenges

I have additionally participated in web security research in my spare time, and have successfully completed various bug bounties and CTF challenges.

*TikTok/ByteDance Inc.*

Code injection vulnerability on main TikTok.com domain

*Edrolo*

Content security vulnerability leading to full content exfiltration

*Hacking Google CTF challenge*

Completed episodes 1-3

## EDUCATION

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2020 - 2022 John Monash Science School

2017 - 2020 Glen Waverley Secondary College

## AWARDS

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2022 Oxford University Computing Challenge

Placed 16<sup>th</sup> nationally

2022 National Youth Science Forum

Attendee

2021 Australian Youth Aviation Forum (Brisbane)

Attendee

2021 CSIRO Young ICT Explorers (Submission: [Cardz](#))

Placed 2<sup>nd</sup> in Victoria

2017 ICAS Digital Technologies

Placed 1<sup>st</sup> nationally

## SKILLS

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Programming languages Python, JavaScript (and JSX), HTML, CSS, Golang

Frontend development React.JS, Svelte, Next.JS and HTML/CSS

Backend development Express (Node), Flask (Python), Hyper (Golang)

Cloud platforms AWS, GCP