Aedan Gallivan

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Education

Harvard Online   Oct. 2023 – Feb 2024
CS50x, CS50w Certificates   *Cambridge, MA*

Griffith University   Feb. 2020 – Nov 2022
Bachelor of Design in Product Design   *Gold Coast, QLD*

Griffith College   Feb. 2019 – Feb 2020
Certificate of Design   *Gold Coast, QLD*

Experience

Contract Software Engineer   Nov 2024 – Feb 2025
Designer, Full-stack developer

- Built and deployed a video sharing web app for a Martial Arts Gym enabling the instructors to securely share instructional videos with members.
- Implemented a custom thumbnail selector, allowing users to select frames from uploaded videos, enhancing content presentation.
- Engineered an AWS-based video processing pipeline that automatically optimizes file sizes upon client request, reducing storage costs and improving load times.
- Deployed on AWS EC2, utilizing S3 for scalable storage, ensuring high availability and performance.

Projects

Airbnb Welcome book web app | *Django, JavaScript, HTML, CSS*   January 2021

- A web based welcome book for an Airbnb host to provide their guests with information, activities, and rules for their stay.
- Allows the host to update the welcome book remotely by updating text, images, and links.

Technical Skills

Frontend: React, JavaScript (ES6+), TypeScript, TailwindCSS, HTML/CSS,
Backend: Node.js, Express.js, Python, Django, REST APIs
Databases: PostgreSQL, SQLite, SQL
Cloud and DevOps: AWS (S3, EC2, Lambda), Git, GitHub, CI/CD, Postman