

Virej Dasani

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Relevant Links: [LinkedIn](#) | [GitHub](#) | [YouTube](#)

Languages: Python, Java, JavaScript, C, SQL, TypeScript, C#, Assembly, Swift, HTML, CSS, Haskell

Technologies: Node JS, React JS, Next JS, REST, React Native, MongoDB, Firebase, Android SDK, Unity Game Engine (2D, 3D, VR, MR), Meta SDK, Unity Cloud, Electron JS, Tauri, Xcode, Linux, Git, BurpSuite, HardHat, PhotoShop, Figma, Final Cut Pro, Premier Pro

EDUCATION

- **University of Liverpool** – BSc Computer Science **2022-2025**
- **Harvard University** – CS50x Introduction to Computer Science, Android app dev, Game dev, Web dev **2020**

EXPERIENCE

Virtual Engineering Centre (VEC) **June 2024 - Present**

Software Engineer Intern, extended to Software Engineer (part time with university)

- Designed and developed a Digital Product Passport Demo entirely from scratch, handling all aspects of the project.
- Built a VR and MR fire safety training experience including data collection portals, independently, all from scratch.
- Led demos for these projects and others to showcase to clients, including Rolls Royce, the NHS, University of Liverpool and more.
- Worked across a wide array of projects including VR & MR applications, serious games, websites, decentralized apps, and much more

University of Liverpool

March 2024 - Present

Software Engineer

- Led the end-to-end development of a student coursework and workload management calendar tool using the MERN stack.
- Made all major technical and design decisions for the project, which will be used university-wide next year.

YouTube Channel

December 2021 - Present

Software developer, Content Creator, Video editor

- Produce videos for my YouTube channel (youtube.com/Virej) with 5 million+ views and ~15,000 subscribers.
- I create original content that combines technical skill with YouTube humour
- I share the development journey of various projects including apps, games, websites, browser extensions, and other miscellaneous projects like my own programming language (which has 800+ GitHub stars)

Deliveroo

September 2023 – September 2024

Student Brand Ambassador

- For the launch of ‘Deliveroo Students’, led social media marketing and represented Deliveroo in Liverpool

University of Liverpool

June 2023 – June 2024

Student Ambassador

- I was selected as a student ambassador for the Computer Science department at University of Liverpool
- For the university open days, I showed prospective students around campus, the computer science department and answered all their technical and non-technical queries.

University of Liverpool Computer Science Society

September 2023 – September 2025

President

- As the elected President, I led the largest Computer Science society in Liverpool with my team
- Managed and built relationships with companies and onboarded industry sponsors
- Organised hackathons, industry talks, social events, and more

PROJECTS (I have hundreds of other open-source projects on my [GitHub](#), these are some of my popular ones)

Dailymoji | [Demo](#) | [Website](#) | [GitHub](#) | (JavaScript, React, Firebase, Chakra UI)

A full-stack website that has an innovative twist to keeping a journal, had a peak of over 1,000 monthly active users

Responsivize | [Demo](#) | [Website](#) | [GitHub](#) | (JavaScript, Electron JS, HTML, CSS)

An open-source, cross-platform, desktop app that is used to develop responsive websites, that has ~10,000 installs

Cuboidal Drift | [Demo](#) | [Website](#) | [GitHub](#) | [Google PlayStore](#) | (C#, Unity 3D, Google Play Suite, Android SDK)

A casual, open-source 3D indie game made with the Unity Game Engine, reached a peak of ~1,000 active installs

Incredibly In Your Face | [Demo](#) | [YouTube Video](#) | [GitHub](#) | [VSCode Marketplace](#) | (TypeScript, HTML, CSS)

Incredibly In Your Face is an original Visual Studio Code extension I made, that has over 200,000 active installs