

Vanaj Krishna Moorthy

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vanaj.io | github.com | linkedin.com | behance.net

EDUCATION

University of St Andrews

September 2020 – June 2024

Bachelor of Science in Computer Science (with honours)

Dean's List 2021, 2024 for academic excellence

First class degree classification

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, HTML, CSS, Python, SQL

Tools and Frameworks: React, Next.js, Vue, Nuxt, React Native, ExpressJS, Django, MongoDB, MySQL, PostgreSQL, Git

WORK EXPERIENCE

Freelance Web Developer — [Website](#)

2023 - present

- Developed a portfolio website for an architecture firm using NuxtJS with a JAMStack approach and Prismic to manage the content. This new website, combined with more refined search-engine optimisation led to a 200% increase in unique monthly website visitors and a 50% increase in online client referrals.

Alvie Health — [Website](#)

2022 - 2023

Web Development Intern

- Received mentorship from the head of engineering and helped develop the main website for a tech-focused cancer prehabilitation startup called Alvie on a contract basis as well as an individual [private website](#) for the founder of the company using VueJS, with a JAMStack approach, which led to a ~30% increase in private patient referrals.

The Orange Yak Co — [Website](#)

2020 – 2022

Co-founder, Web Developer, UI/UX Designer

- Founded and scaled a freelance web development firm to a team of 15+ members and 30+ clients worldwide.
- Led client acquisition, interviewed and hired a team from a total of 50 applicants, and learnt how to negotiate and close large deals, along with dealing with clients, business details, and the general day-to-day firefighting of running a firm.
- Developed numerous websites and web-applications in Django and NodeJS for established venture capital firms such as Sequoia Capital and Beenext Partners which taught me how to deliver value to a diverse array of stakeholders.
- Developed a full-stack e-commerce platform for second hand clothes using Django on the backend and implemented a complex front-end to serve the platform using ReactJS.
- Designed and implemented the front-end for a “Knowledge Hub” using ReactJS for Beenext Partners where VCs could collate and share documents, reports and other resources on startups and founders in one convenient place to better help them make investment decisions.

ACT Grants — [Website](#)

2020 – 2022

Web Developer

- Worked as a web developer at ACT Grants, India's largest COVID-relief fund.
- Communicated with 70+ volunteers and donors including teams at Sequoia Capital and Boston Consulting Group.
- Built the official website for the company using WordPress. Created a dedicated donation page using NodeJS and the Razorpay API which was then deployed on the edge and used to handle large volumes of incoming donations from across the globe which converted website traffic of 80 thousand users per week into donations of 1 billion INR.

PROJECTS

PuzzleFlix — [github](#) | [demo](#)

A complete web application for making and playing puzzle games such as sudoku and the eights puzzle. Built by a team of 5 in ExpressJS and ReactJS with MySQL as a database for my third-year software engineering project using SCRUM and agile methodologies.

mcow.ml — [github](#) | [demo](#)

A self-hostable URL shortener built using ExpressJS and MongoDB, complete with authentication, custom short links and the ability to save shortened links to your profile. While the site was active it retained ~1000 monthly active users.

Dog Browser — [github](#) | [demo](#)

Developed a simple static website with HTML, CSS and vanilla JavaScript to fetch pictures of different dog breeds from the dog.ceo API and allow users to browse such images in a user-friendly manner.