

Niall Moore

Software Engineer

SUMMARY

Creative and product-focused software engineer. Combines an excitement for the possibilities technology brings with curiosity and compassion to the world around, delivering full-stack, user-centred web applications.

Education


University of Bath, (BEng) Mechanical Engineering

First Class Honours (2016 - 2019)


WORK EXPERIENCE

Mar 2022 — Present **Software Engineer (freelance)**

Recent Projects:

Casting Carmina  (Full-stack web app - [see code](#)) – A dynamic and responsive React/Node web app to share Carmina's craft as an actor, writer, coach and enable lead generation/client interaction.

- Designed dynamically generated blog, implemented with JWT user auth, integrated text editor UI and protected REST API endpoints to handle requests to MongoDB/Cloudinary
- Created interactive UI including animated text/photo testimonials, gallery modal, pagination to navigate blog, STMP connected forms and meeting booking system

Booker International  (Fullstack Web App - [see code](#)) – A EJS/Node application based on MVC architecture enabling users to create and finalise meeting polls.

- Developed easy-to-use UI to streamline creation of meeting polls, protected API endpoints and structured database collections with MongoDB
- Implemented automatic location based time conversion with Moment.js library

Visionary (Full-stack web app - in development) – A TypeScript/React/Next app to create personal vision, plan and allocate time and track implementation.

- Developed UI to document vision, DND Kanban board to easily allocate time, smart notes connected with relational database using Prisma ORM and optional light/dark styling

Other Projects: Kavi's Tours of Mumbai, APOD Web App with NASA API integration, On-demand background colour changer for Partnered Twitch streamer, and many more.

Sep 2020 — Mar 2022 **Founder and CEO at Block Vest | United Arab Emirates, Dubai**

Conducted research/developed risk-opportunity theses for blockchain projects for portfolio allocation

Established partnerships with investing firms to enhance resource sharing/drive strategic development

Successfully executed investment orders based on thorough investment theses, adapting in response to project developments and macro environment changes, resulting in exit with over 5x gains.

Mar 2020 — Mar 2021 **Mechanical Engineer at SteriPack Medical | Ireland, Mullingar**

Initiated, designed and delivered 1.25 million PPE face shields, meeting critical demand for healthcare workers, through effective management of subcontractors, development, and manufacturing stages.

Led contract additive manufacturing line, showcasing capabilities to clients, optimising designs, and implementing efficient manufacturing procedures.

Successfully secured approval and funding for a €104,000 project to establish certified in-house product testing capabilities, leveraging business plan proposal.

Location

London, UK

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SKILLS

HTML

CSS

JavaScript

TypeScript

React

Next

Node

MongoDB

MySQL

Prisma ORM

OOP

Web Accessibility

Bootstrap

Tailwind