

MAXIM MCCAIN

FULLSTACK WEB DEVELOPER

SUMMARY

Full Stack Web Developer with a passion for solving real-world problems through innovative technology. I specialize in building scalable web applications using HTML, JavaScript, CSS, Ruby on Rails, but my greatest strength lies in my ability to quickly adapt and learn any new technology or tool as required. I'm eager to share more about my journey from a successful career as an English teacher to becoming a dedicated web developer.

TECHNICAL PROJECTS

CelebrantGPT

- An app designed to fulfil the role of a funeral celebrant, create a personalised speech using OpenAI's API, sentiment analysis and speech-to-text functionality.
- Built for my father, who is himself a celebrant, with plans to monetize soon.

Ruby on Rails, JavaScript, Redis, Sidekiq, OpenAI's API

ChoreQuest

- Gameified house-chore management system, designed to promote cooperation when dividing chores in a household.
- Built with Devise for user authentication and integrated Merit gem for gamification.

Ruby on Rails, JavaScript, PostgreSQL, Bootstrap, Heroku

Collaborative Design App (FigMax)

- Developed a functional wire-frame design app allowing users to create and edit designs directly in the browser, with a focus on seamless user experience and responsive design
- Implemented real-time collaboration using Liveblocks, enabling multiple users to interact simultaneously.

React, Next.js, Typescript, Tailwind CSS, Fabric.js, Liveblocks

3D Interactive Portfolio

- A 3D portfolio showcase, navigate a 3D model of a computer to view my other projects.
- Integrated smooth animations and dynamic camera movements to enhance user engagement.

React, Three.js

EDUCATION

Web Development Course at Le Wagon

- Completed an intense full-time Web Development course, successfully pitched on of the 6 apps to be developed, ChoreQuest. Completed all training materials and offered help and best-practice to peers.

Master of Directing Film & TV at Bournemouth University

- Directed two short films, managing cross-functional teams and overseeing every aspect of production from script to post-production.
- Developed advanced project management skills by liaising with all departments to ensure the creative vision was executed within budget and time constraints.



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Engineer Visa (2027)

SKILLS

Programming Languages:

HTML, CSS/SCSS, JavaScript, Ruby, Java, Typescript, C#

Frameworks/Libraries:

Ruby on Rails, Bootstrap, React, Next.js, Tailwind CSS,

Databases: PostgreSQL

Version Control: Git/GitHub

HOBBIES

Music:

I love composing music using FL Studio in my spare time.

Japanese:

I'm currently pursuing JPLT N4, and I love speaking in Japanese with my friends.

Games:

Elden Ring is kicking my ass!

Running:

I recently ran 17km, my new PB!