FINN MOFFETT

07702083730 | finn.moffett@gmail.com | linkedin.com/in/finnmoffett | finnmoffett.com

TECHNICAL SKILLS

- Front-End: JavaScript, React.js, Next.js, HTML5, CSS3, TypeScript, Tailwind CSS, Framer Motion
- Back-End: Node.js, Express.js, MongoDB
- Tools & Technologies: Git, Linux, OAuth, Next Auth, NPM, Webpack, AWS S3, Firebase, OpenAI
- Other: Responsive Design, RESTful APIs, Authentication & Authorization, SEO, Accessibility

PROFESSIONAL EXPERIENCE

Freelance Web Developer 01/2024 – Present

Project: Dickie Mellie (Artist/Photographer Website) | dickiemellie.com | GitHub

- Developed and deployed a Next.js website with Stripe-integrated e-commerce functionality
- Built an admin dashboard using Next.js, MongoDB, and AWS S3 for image storage
- Utilized responsive design and accessibility best practices, achieving a 96% accessibility score on Lighthouse
- Utilized Figma for iterative design process, collaborating closely with clients and completing the project 2 weeks ahead of schedule

Project: Citifi (City Branding Company Website) | citifi.biz | GitHub

- Created a React-based website featuring responsive design and smooth CSS animations
- Integrated EmailJS for contact form functionality, increasing lead generation by 50%

Project: Bouken (Full-stack Blog Website) | bouken-blog.fly.dev | GitHub

- Built a Next.js application with MongoDB database and Firebase image storage
- Implemented authentication and authorization using Next Auth and OAuth
- Created dynamic UI elements using Framer Motion for animations and carousels

Project: Aozora Scraper (Japanese Language Learning Tool) | GitHub

- Constructed a full-stack Next.js application with web scraping functionality using Puppeteer and Cheerio
- Devised custom text analysis features and a Kindle-style reading interface. Optimised book analysis times to an average of 4.5s per book
- Implemented user authentication, data persistence with MongoDB, and CRUD operations

Project: Hatsugen (AI Powered Audiobook Generator) | GitHub

- Built a full-stack audiobook creation platform with Next.js/TypeScript, OpenAI API, MongoDB, and Firebase. Features include AI voice & book cover generation, Spotify-style playback, and secure user authentication.

LEADERSHIP EXPERIENCE

Officer Cadet, Bristol University Air Squadron, Royal Air Force 09/2020 – 06/2022

- Completed 200+ hours of comprehensive leadership training, including planning exercises and public speaking
- Developed strong teamwork, communication, and problem-solving skills by participating in 4 fieldcraft camps

EDUCATION

MEng Mechanical Engineering, University of Bristol 09/2019 – 06/2023

- Relevant coursework: Engineering Mathematics (79%), Computer-based Modelling, Control and Robotics, Innovation and Entrepreneurship
- Grade: 2:1
- Completed 4 major engineering projects, each involving 300+ hours of work

Full Stack Web Development Course, The Odin Project 12/2023 – 05/2024

- Curriculum: HTML, CSS, JavaScript, Git, Node.js, Express.js, React, Redux, Accessibility, SEO

A-Levels, Tapton School, Sheffield 09/2017 – 06/2019

- Mathematics (A*), Further Mathematics (A), Physics (A)
- Ranked in the top 2% of students nationally for Mathematics