James Burch

Junior Software Developer

Passionate Junior Software Developer with hands-on experience delivering client-ready applications using React, TypeScript, Next.js, TailwindCSS and React Native. Skilled at bringing ideas to life and creating solutions to real-world problems, with strong foundations in problem-solving, engineering, and data. Currently expanding expertise in cloud technologies (AWS & Azure) while freelancing on web development projects and working as a Service Contract Engineer.

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🛠 SKILLS

React · TypeScript · HTML · CSS · TailwindCSS · Python · Next.js · React Native · Firebase Auth · APIs · GitHub · Git · Agile · Framer Motion

🎖 CERTIFICATES

- Diploma in Full Stack Software Development (Predictive Analytics) – Code Institute (Feb 2024 – Feb 2025)
- AWS Certified Cloud Practitioner (Planned 2025)
- AWS Certified Developer – Associate (Enrolled 2025)
- AWS Certified Solutions Architect – Associate (Planned 2025)

📁 PROJECTS

- **Noble Mortgages Website**
  - **Technologies:** React, TypeScript, CSS Modules, Framer Motion, EmailJS, Google Analytics, Google reCAPTCHA
  - **Deployment:** Netlify + GoDaddy custom domain, WhatsApp integration

💼 WORK EXPERIENCE

Freelance Web Developer
Self-employed • Mar 2025 – Present

- Delivered websites and applications for real clients.
- Managed full lifecycle: requirements, design, build, and deployment.
- Implemented booking systems, authentication, and lead generation tools.
- Deployed production-ready apps with Netlify, Vercel, and custom domains.
- Practiced Agile workflows and version control with GitHub.

Service Contract Engineer
Splice Group Ltd • Apr 2023 – Present

- Provided technical support, device upgrades, and documentation across multiple sites.
- Collaborated with third-party vendors and ensured SLA compliance.

- **Solution:** Built modern, responsive site with custom mortgage calculator and lead forms
  - **Impact:** Increased qualified leads by 40%, PageSpeed score 95+
- **House Price Prediction Model**
  - **Technologies:** Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Flask
  - **Development:** Jupyter Notebook, Kaggle dataset
  - **Deployment:** Hosted on Heroku
  - **Impact:** Achieved 85% accuracy, reduced estimation time from hours to seconds
- **React Native Fitness App (in progress)**
  - **Technologies:** React Native, Firebase Authentication, Firebase Database & Storage, OpenAI API
  - **Purpose:** Fitness tracking app with AI-driven personalised recommendations
  - **Status:** In development, focused on authentication and chat integration

🔤 LANGUAGES

- English — Native

🗂 ADDITIONAL PROJECTS

- **Portfolio Website** — React, TypeScript, CSS, Framer Motion, EmailJS, Google reCAPTCHA/Analytics, deployed on Netlify + GoDaddy domain. (New version in Next.js + Tailwind under development)
- **Golf Tee Time Booking App** — Django + Bootstrap with PostgreSQL. Includes authentication, CRUD booking management, and user accounts.
- **Refine Barbers Booking Website** — React, TypeScript, CSS with Supabase for booking storage and barber authentication. Later linked to Booksy platform at client's request.

🎓 EDUCATION

Diploma in Full Stack Software Development (Predictive Analytics)
Code Institute • Feb 2024 – Feb 2025

A-Levels
Product Design (A), Engineering (Distinction), Mathematics (E)

💼 ADDITIONAL EXPERIENCE

Lead Telecommunications Engineer
Raven Utilities Ltd • Apr 2022 – Apr 2023

- Supervised teams of engineers on large-scale telecoms projects.
- Delivered infrastructure upgrades, ensuring minimal downtime.
- Provided training and mentorship to junior engineers.

Telecommunications Engineer
Raven Utilities Ltd • Apr 2021 – Apr 2022

- Installed and tested fibre optic networks across multiple sites.
- Worked directly with clients to troubleshoot and resolve service issues.
- Ensured compliance with safety and regulatory standards.

📇 REFERENCES

Available on request

♥ INTERESTS

Cars • Fitness • Golf • Hiking • Learning • Numbers