JAMES PLUMMER
Web Developer

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PORTFOLIO: jamesmplummer.com

ABOUT

My interest in programming ignited when I offered to improve a previous employer's invoicing system. Armed with very little knowledge, Microsoft Excel, VBA, and a passion for problem solving, I embarked on a project that opened a door that I didn't even know I was looking for.

Since those early beginnings, I have made web development my priority. As a problem-solver at heart, I have found programming to be incredibly rewarding, and bring that enthusiasm with me to the professional arena.

EXPERIENCE

Web App

Work Planner

Implemented a **React**-powered planning system, featuring a **Firebase Realtime database** of clients and jobs. A manager can assign jobs to staff, who instantly see the updated work schedule on their device. Features a **MapboxGL API** link, which plots jobs on an interactive map to assist staff in finding the client.

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Web App

Time Manager

Created a server-side rendered **HTML/CSS**-based visual representation of the percentage of time of a day a task takes. The app features user accounts, a **MongoDB database, custom API,** and **JWT authentication**. A stats summary of entries for each month is also available for each user.

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[Visit my Portfolio and the Readme files on Github for a more in-depth breakdown of these projects]

- Designed and built **client-side** rendered SPAs with **Create-React-App**, and **server-side** rendered static sites using **Gatsby**.

- Implemented a Webhook-driven self-rebuilding Netlify site, using a **Contentful CMS**, linked by **GraphQL** API calls.

- Built a **custom API** using **Node.js** and **Express** to provide database-powered **CRUD operations** to the client-facing UI.

- Solved **tiered authentication** implementations using **Firebase Auth** and custom **JWT** approaches (secured with Bcrypt password hashing).

SKILLS & EDUCATION

Languages: JavaScript

Frontend: React, Gatsby, Sass, HTML 5, CSS 3

Backend: Node.js, Express, MongoDB, JWT, GraphQL

Tools: Git, VSCode, Contentful, Firebase, Figma

Other: Problem solving, time management, effective communication, results driven mind-set, detail oriented.

The Open University, BSc Psychology (First-class Honours) - Final project score: 93%

REFERENCES

Dr. Govind Chandra
Senior Scientist (Microbial Bioinformatics)
John Innes Centre, Norwich.
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Academic Reference
A reference from The Open University which highlights many transferable skills. Also featuring comments from final year tutor, **Dr. Sandra Bogelein**.

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