

# JAMES PLUMMER

## Web Developer

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GITHUB: <https://github.com/jp-1990>

PORTFOLIO: [jamesplummer.netlify.app](https://jamesplummer.netlify.app)

## 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.

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).

## EXPERIENCE

## 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/ Bioinformatician  
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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