**Stephen Keen**

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**FULL-STACK DEVELOPER**

Passionate technologist with extensive hands-on experience in creating and deploying web applications. Skilled in Javascript and Python, with a focus on design and automation. Committed to contributing to forward-thinking and approaching problem solving with enthusiasm.

**TECHNICAL SKILLS**

**Languages:** JavaScript | Python | PHP | HTML | CSS | SQL

**Libraries and Frameworks:** Express.js | Django | React | Mongoose | Sequelize | Tailwind | Material UI | Jest

**Database and Other:** MongoDB | PostgreSQL | Node | Git | Langchain | Puppeteer | AWS | OAuth

**EXPERIENCE**

Zenora - Online Courses - [GitHub - FE](https://github.com/pkeen/zenora-frontend) | [GitHub - BE](https://github.com/pkeen/zenora-backend) | [App](https://zenora.vercel.app/) - PostgreSQL | Sequelize | Express | React *2023*

*Online courses site allowing users to create and curate courses quickly and effortlessly*

* Implemented a backend API serving data, hosted on Heroku
* Built a modern, sleek and dynamic front-end with React.

Repertoire - [GitHub](https://github.com/pkeen/repertoire) | [App](https://repertoire-23c95f862c5c.herokuapp.com/) - MongoDB | Express | React | Node | Tailwind CSS *2023*

*Social workout app, add reps to your repertoire, and share templates and gains with community*

* Built a RESTful API backend with Express and MongoDB
* Built a dynamic front-end UI with React and Tailwind CSS
* Animated Gifs explaining exercises

Casharoo - [GitHub](https://github.com/pkeen/casharoo) | [App](https://casharoo-f9e69a0a5271.herokuapp.com/) - Django | Python | PostgreSQL | Vanilla JavaScript *2023*

*Spending and budgeting app with charts and graphs to analyze trends*

* Bullet points that describe the features you created in your app. Use the formula:
* Collaboratively built a Django backend
* Implemented styling with Tailwind CSS

Birth to Seven Matters, IT Manager *Brighton, UK, 08/2015 - 12/2021*

* Head of IT for small education & training company
* Built an online course platform serving thousands of clients and institutions such as the University of Oxford
* Created automations in code and Zapier to streamline business operations

**EDUCATION**

General Assembly *Remote, CA, Graduated: 09/2023*

Full-stack software engineering 420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

University of Sussex, Computing for Music *Brighton, UK, Graduated: 05/2021*

Among various audio-visual projects, I built a VST audio plugin that used Fast-Fourier Transform to manipulate the individual frequency bands of an input signal based on the dynamic intensity of frequency bands of a second signal (side-chain).