

SAM BOWDITCH

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PERSONAL STATEMENT

I am a **full-stack web developer** with a diverse background in business consulting and law. After taking a career break to focus on building my web development skills, I dedicated myself to learning and applying new technologies through personal projects. These projects have allowed me to experiment with a wide range of tools and frameworks, including **React.js**, **Go**, **Node.js**, **Flutter**, and **MySQL**, while gaining real-world experience in front-end development.

Some of my notable personal projects include a Chrome Extension for translating and saving text, a full-stack mobile application for generating and practicing foreign vocabulary, and a 3D browser WebGL demo. Each project has pushed me to think critically about performance and user-experience, while continuously improving my problem-solving skills.

I'm now looking to apply my experience to larger, more complex projects, collaborate with teams, and expand my expertise in full-stack development. Feel free to explore my personal website to learn more about my projects and see how I approach challenges through code.

SKILLS AND ABILITIES

Technical Skills:

- **Programming Languages:** Python, TypeScript/JavaScript, Go, Dart
- **Frameworks and Libraries:** Vite, React.js, Next.js, Flutter, Three.js, Framer Motion, React Native, Redux, Node, Express.js, MySQL, Tview
- **Version Control:** Git
- **Web Technologies:** HTML5, CSS3, RESTful API development
- **Databases:** IndexedDB, SQLite, MySQL, Redis, MongoDB
- **Development Tools:** VSCode, Bash scripting, FFmpeg, SauceLabs

Soft Skills:

- Excellent attention to detail
- Adaptable and flexible to try new solutions
- Creative problem-solver
- Effective time-management
- Strong communicator

Languages:

- English (native)
- Portuguese (intermediate)
- Spanish (intermediate)

EMPLOYMENT HISTORY

Tulfa, Inc – React.js Developer

12/2024 - 02/2025

- Lead the development of the company's rebranded website in close collaboration with the CEO and UX designer.
- Created a dynamic, cross-platform, and responsive front-end portfolio page using Next.js for an enhanced user experience.
- Worked closely with the UX team and Figma to design intuitive, visually appealing interfaces.
- Integrated React-Motion Three.js for engaging and interactive elements.
- Continuously implemented cross-platform optimisations.

Career Break

08/2023 – 12/2024

- Developed skills with programming technologies (JavaScript, React.js and React Native, Python etc.), and with front-end web development.
- Worked on several personal development projects, including an Android app and two Chrome Extensions.
- Improved Spanish and Portuguese abilities.

Grant Thornton UK LLP – Corporate Intelligence Analyst

02/2021 – 08/2023

- Conducted small-scale desktop asset tracing investigations.
- Supported large cross-border asset tracing projects by delivering ad-hoc research.
- Developed a sound understanding of open-source intelligence methodologies and resources.
- Learned Python and developed several scripts and small tools to boost productivity.

PROJECTS

Vocab Panda Vocabulary Tracker App (WIP)

01/2024 - current

I am developing a vocabulary management Android app with React Native aimed at enhancing language skills. I leveraged several technologies and techniques common in full-stack development, such as integrating RESTful API calls, implementing a local SQLite database and MySQL instances, and utilising routing and animation libraries for React Native to enhance the user experience.

Vocab Tracker Chrome Extension

03/2025 – 04/2025

I built a Chrome Extension allowing users to highlight, translate, and save text as they go on the browser. The app leverages the Chrome API to manage the different parts of the extension's functionality. I also integrated the DeepL API to handle the translation work. There is also a minimal Node.js backend to manage API calls.

The extension is available on the Chrome Store [here](#).

Messaging CLI App

04/2025 - 04/2025

I developed a CLI application with Go to deepen my understanding of the language and its concurrency features, as well as expose myself to managing WebSockets and the client-server architecture. This app successfully updates the user in real time on messages, notifications, and always lets the user play games at the same time.

WebGL 3D Game

01/2025 – current

I have developed a keen interest in game development and have been experimenting with the WebGL browser API to create a 3D physics game. I am currently reviewing resources on implementing physics engines to deepen my understanding of game design.

The game can be tried out on my portfolio page.

EDUCATION

University College London – London

2015 – 2019

LLB Law – achieved 2:1 (64 GPA)

REFERENCES

Grant Thornton UK LLP

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Tulfa, Inc

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