

# Bruno Silva

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## Personal statement

Product Engineer specialising in web development and legal technology at Herbert Smith Freehills. With expertise in front-end and full-stack development using JavaScript frameworks like Vue.js and experience delivering award-winning digital tools, I leverage cutting-edge technology to enhance user experiences and streamline complex processes. I thrive in collaborative environments, consistently driving efficiency and value through innovative digital solutions. Passionate about delivering impactful projects, I combine technical skill with a detail oriented approach to solve real-world challenges.

## Work history

### Product Engineer - May 2023 to current Herbert Smith Freehills

- Delivered frontend functionality as part of Genesis Arbitration, which won '**Best Innovation for Data-enhanced Knowledge**' at the Financial Times Innovative Lawyers Europe Awards 2024.
- Spearheaded and led the development of a global forecast scheduling tool for HR/Resource Managers, built in-house to enable accurate fee earner bookings and save **£750k/year** in licensing costs.
- Led the design and delivery of a client-facing B2C Identity Provider supporting secure access to **£500k+** licensed internal products, with full ownership of the UI/UX login experience.
- Develop responsive, scalable user interfaces using Vue.js/React (JavaScript/TypeScript) while ensuring code adheres to best practices.
- Utilise Microsoft Azure and Terraform for cloud infrastructure and deployment, ensuring scalable and secure applications.
- Integrate generative AI solutions into internal applications, enhancing functionality and user experience.
- Manage and coordinate external consultants for backend development, integrating RESTful API's to ensure smooth implementation of new features.

### Senior Software Consultant - Sparta Global Herbert Smith Freehills (Contract) – April 2022 to April 2023

- Led the development of single-page applications using frontend frameworks, predominately Vue.js.
- Conducted code reviews and managed merge requests for the UI team, ensuring code quality and consistency.
- Utilised CI/CD pipelines to deliver new software versions, integrating unit tests, & SonarCloud
- Created comprehensive documentation for developers, facilitating smooth onboarding and knowledge transfer.

### Raymond James Investment Services (Contract) – November 2020 – April 2022

- Worked as a Full Stack Developer in the LAMP (Linux, Apache, MySQL, PHP) stack.
- Developed and maintained customer-facing applications using PHP, HTML, CSS, JavaScript, jQuery, and Ajax.
- Enhanced user interfaces and backend functionality with Zend and custom MVC frameworks.
- Developed and implemented an online file-sharing solution, enabling investors to securely access documents uploaded to their accounts. This digital transformation improved efficiency and reduced reliance on physical mail.

## Skills

|                         |                          |                      |                         |                 |
|-------------------------|--------------------------|----------------------|-------------------------|-----------------|
| • JavaScript            | • Vue.js                 | • TypeScript         | • React                 | • CI/CD         |
| • Vitest (Unit testing) | • RESTful API's          | • Azure / Cloudflare | • Terraform             | • C#            |
| • PHP                   | • Full Stack Development | • Tailwind CSS       | • Storybook/Chromatic   | • Generative AI |
| • Fin Tech              | • Legal Tech             | • Vite / Bun         | • Node + Express / Deno | • PWA's         |
| • NewRelic              | • Akido                  | • UI/UX Design       | • Electron              | • MySQL         |

## Education

- **Sparta Global - Software Consultant Trainee**, June 2020 - London
- **Flatiron School - Software Engineering Graduate**, May 2020 - London
- **Bachelor of Arts (B.A.) : Drama & Theatre Studies**, July 2019 **Royal Holloway, University of London** - Egham

## Projects

- **HeikoCBD E-commerce Website**: Developed the [HeikoCBD](#) website using WordPress for a client. This e-commerce platform specializes in CBD products and achieved a £5,000 sales boost in the first month post-launch. The project focused on creating a user-friendly interface, secure payment processing, and efficient product management.
- **HeikoEducation Learning Platform**: Created the [HeikoEducation](#) website, a mobile-friendly platform designed for educational content. The site features journal entries developed by Heiko to raise CBD awareness and is used for running mobile ads. The project aimed to enhance public knowledge about CBD and support Heiko's educational initiatives.

## Extracurricular Activities

- **Volunteer Mentor**: Actively involved in mentoring individuals interested in transitioning into tech careers, particularly those pursuing self-taught paths like myself. Through guidance and support, I've helped mentees develop technical skills and confidence. Notably, one of my mentees successfully secured a junior development role at Giffgaff, demonstrating the impact and value of mentorship in technology.
- **Continuous Learning and Development**: Committed to staying current with the latest developments in the software industry, particularly in the Vue.js framework. I have personally undertaken migrations from Vue 2 to Vue 3 to familiarise myself with the new features and changes. Additionally, I maintain a broader interest in other technologies, continually expanding my knowledge, though not as extensively as with Vue.js. This dedication to learning ensures that I am up-to-date with modern software practices and capable of implementing best practices in my work.
- **Culinary Enthusiast and Social Activities**: A passionate foodie, I enjoy exploring different cuisines and experimenting with cooking new dishes. I cherish spending quality time with my partner and friends, often socialising over a good meal. This personal interest not only enriches my life but also enhances my creativity and problem-solving skills, which I bring into my professional work.