

# Nick Stebbings

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## Profile

As an experienced Full-Stack Engineer, I have a proven track record in developing and maintaining high-performance web applications across multiple tech stacks. I am proficient in front-end and back-end programming and possess expertise in modern JavaScript frameworks, HTML5, CSS3, developing p2p applications, and data visualization. With a dedication to ongoing learning and staying up-to-date with the latest industry trends and innovations, I am a detail-oriented team player who can prioritize tasks, work collaboratively, and meet deadlines. I have demonstrated excellence in **TypeScript, Ruby, Rust** as well as testing and building **REST APIs**.

## Core Qualifications

- Developing and designing web apps that are user-friendly, responsive, and scalable.
- Creating front-end and back-end website architecture and applications, server-side APIs, and database integration.
- Working with cross-functional teams composed of UI/UX designers, product managers, and software engineers to design and create new features and enhance current systems.
- Implementing automated testing and deployment methods and writing code that is clean, efficient, and well-documented
- Staying abreast with the most recent full-stack development trends, methodologies, and technologies and implementing them into the development process.
- Resolving and diagnosing application performance, security, and scalability problems.
- Participating in code reviews and offering input to other developers to guarantee code quality and uniformity.
- Communicating project status, challenges, and risks to stakeholders and working with them to identify solutions to difficulties.

## Skills

- |                                |                                |                              |
|--------------------------------|--------------------------------|------------------------------|
| • Front-end Development        | • CSS3                         | • SDLC                       |
| • Back-end Development         | • SASS                         | • Maintenance                |
| • Web App Development          | • Data visualization           | • Relational Databases & SQL |
| • Modern JavaScript frameworks | • Figma design and prototyping | • Critical thinking          |
| • Test-driven development      | • Responsive UI design         | • Project planning           |
| • Semantic HTML5               | • SVG animation                | • DevOps                     |

## Professional Experience

### TypeScript/Rust Programmer (Neighbourhoods Ltd.)

**Apr 2023 - Present**

*Self-employed / Remote*

- Used Lit Element and TypeScript to build the Neighbourhoods Launcher - a hub for distributed applets that can be shared in and across communities.
- Took personal responsibility for building out a design system of Web Components and a Storybook, working with the design team to bring beautiful visual consistency and maintainability to the Launcher.
- Wrote and tested features for the Holochain-based p2p API in Rust, and helped build the Feed applet to demonstrate the Sensemaker (an engine for generating social metadata for communities).

### Freelance Developer (Marae Tech Ltd., Aunt Jenny Ltd.)

**Jul 2022 - April 2023, Feb 2021 - April 2022**

*Self-employed / Auckland*

- Developed and incorporated a custom solution for interactive learning resources into an existing animated website using vanilla JavaScript, **PHP** (Moodle), and H5P.
- Installed a learning management system (LMS) with all required dependencies for monitoring students' progress in learning resources obtained from an open-source content development platform (h5p.org) and enabled grade synchronization over LTI.

### Full Stack Developer

**Apr 2022 - Jul 2022**

*y5 Labs Ltd. / Hamilton*

- Evaluated and analyzed difficult business problems to implement their solutions. Coordinated with the team (often remotely) on the optimal solutions to the allocated tasks.
- Developed solutions utilizing micro-service architecture and agile approach.
- Assisted in building **Rest APIs** using **JavaScript/Express**, serving **JSON** data for our client's front-end e-commerce solutions.

- Created test UI with React to demonstrate and document new features prior to their deployment and delivery to clients.

## Software Engineering Trainee

**Jan 2019 - Feb 2021**

*Launch School / Remote*

- Produced clean, straightforward, and well-tested code for several projects in **Ruby** and vanilla **JavaScript**
- Recorded technical procedures and learned knowledge in a Medium blog for the benefit of fellow students.
- Worked through courses in **Networking**, **cyber-security**, basic **Linux CLI/Shell** scripting

## Social Enterprise Startup

**Aug 2017 - Apr 2018**

*Co-Founder / Self-employed / London UK*

- Co-founded a social venture to promote mental health using barista training to prepare individuals for employment.
- Fixed issues, enhanced operations, and delivered outstanding service.

## Open Source Training/Contributions

### Projects:

*Neighbourhoods - one of the longest running Holochain projects - building out the design system and adding/testing backend features in Rust*

*Habit/Fract - personal project - writing the data layer in Rust, the frontend in React and GraphQL.*

**Holochain & Rust Developer Immersive w/Marcus Phillips of Hack Reactor | March 2023**

*Attained scholarship, passed Rust assessment for qualification*

**Holochain Hackathon | Feb 2022**

*Holochain Open Dev - Resource Bookings module | Planning and development*

## Education

**University of Sheffield | Sheffield, UK | No degree**

**Sep 2009 - Dec 2010**

*Politics & Economics*

*Relevant coursework: Micro/macroeconomics, Econometrics*

**University of Bath | Bath, UK | No degree**

**Sep 2006 - Jun 2007**

*Mathematics*

*Relevant coursework: Calculus, statistical analysis, LISP programming*

**High School Diploma | AAAA at 'A level'**

**Sep 1999 - Jun 2006**

Newcastle Emlyn Comprehensive - Newcastle Emlyn, Wales

## Hobbies

The three C's... Comedy. Climbing. Coding.

Playing drums LOUDLY ...but only at home.

Playing guitar, singing, hiking (sometimes all at once).

## Languages

Spanish (*semi-fluent*), Welsh (*beginner*), French (*beginner*), Vietnamese (*beginner*)

## References

Siddharth Sthalekar, Neighbourhoods Ltd

Rewa Nolan, Aunt Jenny Ltd

Tema Kwan, Marae Tech Ltd