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 welldocumented
- 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
- Back-end Development
- Web App Development
- Modern JavaScript frameworks
- Test-driven development
- Semantic HTML5

- CSS3
- SASSData visualization
- Figma design and prototyping
- Responsive UI design
- SVG animation

- SDLC
- Maintenance
- Relational Databases & SQL
- Critical thinking
- Project planning
- 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.) Jul 2022 - April 2023

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

v5 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