

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, 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 a proven ability to build scalable, user-friendly web apps that deliver exceptional value to businesses and customers.

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

Professional Experience

Freelance Developer (Current Client - Marae Tech Ltd.)

Jul 2022 - Present

Self-employed | Auckland

- Developed and incorporated a custom solution for interactive learning resources into an existing animated website (*nukutawhiti.co.nz*) 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.
- Designed and implemented a bespoke UI for the LMS based on a Canva prototype, conforming to brand rules to provide continuity with the present product.
- Assisted with the design and implementation of additional learning resources, seamlessly integrating them into the current animation via a full-screen modal at various points in the narrative.

Freelance Developer (Previous Client - Aunt Jenny Ltd.)

Apr 2021 - Mar 2022

Self-employed | Auckland & Christchurch

- Built an e-commerce (Shopify) stock management application from scratch utilizing a PostgreSQL database to receive data from a third-party supplier and interface with Shopify's GraphQL API.
- Improved productivity of client's Admin software by using webhooks to better automate order fulfillment.
- Collected client needs and requirements to provide precise specs for new app functionalities.
- Modified design settings to enable real-time, precise stock-level updates on the storefront.
- Prioritized and completed change requests in order of importance.
- Added capabilities depending on permissions to the current Admin dashboard (Shopify uses JWT capability tokens).

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.
- Calculated solution work, time, and other expenses.
- Developed solutions utilizing micro-service architecture and agile approach.

- Created test UI with React to demonstrate and document new features prior to their deployment and delivery to clients.
- Drafted documentation and coordinated with customers to facilitate the deployment of features and integration with their own user interface.
- Responded remotely to client questions, requests for modifications, and any technical problems with our services.

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.
- Individualized training tactics based on the knowledge, expertise, and strengths of each barista.
- Fixed issues, enhanced operations, and delivered outstanding service.
- Managed on-site assessments (Health and Safety).
- Provided individualized service to each consumer.

Open Source Training/Contributions

Holochain & Rust Developer Immersive w/Marcus Phillips of Hack Reactor | Remote

Attending March 2023

Attained scholarship, passed Rust assessment for qualification

Holochain Hackathon | Remote

Feb 2022

Holochain Open Dev - Resource Bookings module | Planning and development

Open Sourced personal project

HabitFract

Education

Software Engineering Trainee

Jan 2019 - Feb 2021

Launch School | Remote Learning

- Produced clean, straightforward, and well-tested code for several projects.
- Effectively collaborated with other Launch School students and conducted frequent written and live-coding exams.
- Analyzed source code to detect and resolve possible functionality flaws.
- Utilized a well-defined and systematic procedure (PEDAC) to write algorithms and solve each coding challenge.
- Recorded technical procedures and learned knowledge in a Medium blog for the benefit of fellow students.
- Converted small project specifications into working implementations in Ruby and JavaScript.

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, tramping, (sometimes all at once).

Languages

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

References

Thomas Coats, y5 Labs Ltd

Rewa Nolan, Aunt Jenny Ltd

Tema Kwan, Marae Tech Ltd