

Waun Broderick

Full-Stack Developer

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Toronto, Canada

A proven product development leader with 5+ years of experience delivering solutions to a breadth of different areas and industries. Successfully served in strategic positions from Chief Technology Officer to several technical IC roles in full-stack development. delivered value in public, private, enterprise, and startup organizations. With a deeply technical foundation and an admiration for conveying concepts with simplicity, product development is the union of his passions. Waun seeks his next opportunity to utilize his comprehensive tech expertise and collaborative skills to make a significant impact in an organization he can help grow and learn from.

WORK EXPERIENCE

Technical Lead Forum Ventures

08/2023 - Present

Toronto, Ontario

Achievements/Tasks

- Elicited features for new concepts that I converted into product requirement documents. These were then often translated into user stories, tasks, or used to inform architecture. I then assigned these story point estimates and organized them into sprints to ensure completion within the designated timeframe.
- Founding engineer for new studio companies, acting as the external CTO for technology decisions and full-stack product development. Worked in cycles of 4-6 months to engineer an MVP from inception, to launch.
- Key liaison between Forum Ventures, studio founders, and various stakeholders. I ensured communication was clear and concise throughout the development process, dynamically shifting perspectives and language based on the criteria and profiles of those engaged.
- Facilitated strategic discussions at various levels, giving input to mitigate our risk and maximize our financial investments.

CTO, Co-Founder, Staff Full-Stack Engineer Labnetik

09/2019 - Present

Achievements/Tasks

- Initial member of the founding team that took on the digitization of the materials testing, and aggregate trading industry. I helped to analyze the industry, identify and communicate with our clients, and design customer-centric applications through their feedback. During my tenure here I oversaw product management, full-stack engineering, and developer management.
- Pitched our product and helped secure 3M+ in funding, from which I was then responsible for the strategic direction of the technology team and communicating technological concepts, milestones, and updates to the investment team.
- Led the engineering team in writing, reviewing, maintaining, and documenting code, infrastructure, and DevOps pipelines. We implemented, Maintained, and improved REST & GraphQL API Services, as well as distributed database systems that utilized both SQL & NoSQL.
- Hired, trained, and led a team of 10+ engineers to build out two separate revenue-generating product lines. Provided coaching, and mentorship, alongside establishing the technical vision that aligned with higher company goals and directives.
- Designed, and implemented our CI/CD pipeline using Git, Github Actions, Jira, Cypress, Jest, Docker, AWS Lambda/EC2/ECS/S3/EBS.

Full-Stack Engineer, Project Lead Communications Security Establishment of Canada (CSE)

05/2019 - 05/2020

Ottawa

(Descriptions will be vague due to the nature of work)

Achievements/Tasks

- Worked with a team responsible for investigating and identifying the needs of surrounding organizational units. Then developed non-intrusive client-centric full-stack applications that utilize ML micro-services to provide value to the organization in a myriad of ways.
- Integrated emergent technologies like Computer Vision, and NLP into organizational workflows, handling; design, documentation, building, and communicating of the product.
- Advised leadership to help facilitate long-term decision-making. I communicated with management to present ideas and help understand industry trends to ensure alignment on development initiatives.
- Worked with industry-standard frameworks and languages to deliver value to Canadian Citizens in tackling TOP SECRET Canadian concerns. This often happened through disaster recovery planning, fault-tolerance building, Certified compliance planning, environment segmentation, and my main focus, engineering at all stages of the SDLC.

WORK EXPERIENCE

Full-Stack Developer - Rotational Associate

TD Bank HQ

06/2018 - 05/2019

Toronto

Achievements/Tasks

- Identified internal sources of loss and isolated business use cases to design, engineer, and implement sustainable and effective solutions to reduce company costs.
- Received requirement elicitation documents, and converted them to agile sprint work tickets to develop applications to specification. Conducted and ran sprints, managed feedback, established velocity to deliver accurate estimations, and used conventional Git branching and server environment practices.
- Engineered data-intensive applications that utilize a series of different systems to automate workflows or convey complex information to end-users and stakeholders.
- Mentored interns/co-ops, conducted knowledge share meetings, presented at internal seminars, and owned several projects I was a part of.

NWO, Section Leader Canadian Armed Forces

02/2011 - 03/2023

Canada

Achievements/Tasks

- Learned world-renowned paradigms of leadership and how to; critically assess, improvise, and execute in any circumstance under restrictive constraints and limited resources.
- Often responsible for groups ranging from 8-28 people ensuring their safety, well-being, morale, and overall alignment on 'greater' objectives and goals.
- Collaborated with senior leadership to manage their respective groups effectively, handling resource management, information dissemination, and large-scale worker coordination.
- Sharpened my skills of empowerment, and motivation, learning the importance and benefit of servant leadership along with highly motivated individuals. Teaching me the intrinsic relationship between service to others and their performance in service.

Front-End Developer United Nations - PCs4Kids

01/2017 - 09/2017

Global - Online

Achievements/Tasks

- Worked with an international and multi-lingual team, coordinating over various time zones, and building methodologies and communication aids to ensure involvement, removal of barriers, and understanding.
- Participated in design sprints, collaborative decision processes, and documentation. Also helping coordinate resources to ensure the design direction was in line with the mandate of the UN and the overall vision of PCS4Kids.
- Overhauled the UX/UI of the PCS4Kids front-end application that served content through various open-source information archives and APIs.
- Developed features and improvements to the product in workflows that gave me exposure to unit testing, CI/CD, code review, and other industry-standard processes.

EDUCATION

M.Sc Computer Science - Applied Modelling & Quantitative Methods

Trent University

01/2023 - Present

Peterborough, Ontario

Areas Of Study

- Graph Neural Networks
- Programming in Python
- Computer Vision
- Statistical Modelling and Simulation

H. BSc Computer Science

Trent University

09/2013 - 05/2018

Notables

- Electric City Hacks Co-Founder & Executive (x2)
- College Orientation Leader (x2)
- President of the Computer Science Society (x1)
- Undergraduate Thesis CNNs in fMRI analysis

LINKS

Medium

<https://medium.com/@broderickwaun>

Github

<https://github.com/WaunBroderick>

LinkedIn

<https://www.linkedin.com/in/waunbroderick/>

CERTIFICATES

First Aid AED CPR (04/2022 - Present)

St. Johns Ambulance

Open Water Certification - Scuba Diving (03/2020 - Present)

PADI

Cloud Native Fundamentals (04/2021 - Present)

Udacity

Sentinel Suicide Intervention Training (01/2020 - Present)

Canadian Armed Forces