

Matthew Rowlandson

Team Lead Senior Software Engineer

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PROFESSIONAL SUMMARY

Accomplished Senior Software Engineer and strong Team Leader with over ten years of experience in full-stack development. Specializing in scalable, well-tested apps, microservices, and modular code using NodeJS, ReactJS, and AWS infrastructure using best practices. Recognized for hands-on leadership, mentoring, and delivering high-quality, maintainable software solutions.

EXPERIENCE

Senior Software Engineer Team Lead | Augmentt | Remote | Oct 2021 – Mar 2024

- Designed and implemented complex architectural improvements that resulted in over six figures in annual savings, significantly enhancing the company's operational efficiency and bottom line.
- Led a global technical team of 8, running agile meetings, 1:1s, collaborating across time zones and sharing knowledge for growth within the team.
- Developed full-stack cloud-based solutions for over 100,000 users using NodeJS, ReactJS, AWS (Serverless), MySQL (RDS), and Elasticsearch.
- Contributed over 50% of the code for four core products brought to market in the MSP Channel.
- Planned over 70% of technical solutions for on-time and on-budget delivery.
- Implemented backend automated testing suite, allowing for better debugging. Improved maintainability and reduced the number of customer bugs in production tenfold.

Freelance Software Engineer | Zaii Software | Remote | Oct 2019 – Jan 2020

- Designed and implemented new features, enhancing Zaii's tourism platform functionality.
- Established a new automated testing suite and unit-tested existing complex systems.
- Enhanced booking software across multiple distinct product modules utilizing PHP, and JavaScript.

Full Stack Software Developer | Zaii Software | Vancouver, BC | Oct 2018 – Jul 2019

- Developed features and maintained the cloud-based software platform using PHP, JavaScript, and NodeJS.
- Mentored three junior developers, fostering a collaborative development environment.

Intermediate Software Developer | gShift | Barrie, ON | Sep 2015 – Jun 2016

- Integrated newly acquired company's SEO scraping software built with AngularJS, MongoDB, ExpressJS, and NodeJS into main Enterprise web app built with Ruby on Rails.

Co-Founder and Senior Software Developer | OMSG | Barrie, ON | Jan 2014 – Jun 2015

- Bootstrapped an interactive fiction online game and supervised a team of 8 junior developers.
- Designed and programmed various systems, including an NPC conversation system and custom e-commerce store interfaced with Stripe via API.

Technical Support Specialist | Department of National Defence | Borden, ON | May – Aug 2013

- With security clearance, provided technical support for over 1500 computers; managed Active Directory and installed personal and server hardware.

EDUCATION

Bachelor of Science with Honours, Computer Systems Technology

Trent University

2016 – 2018

Advanced Diploma, Co-op, Computer Programmer Analyst - Dean's List (Top 10%)

Georgian College

2012 – 2015

SKILLS

Programming Languages: JavaScript, Svelte, HTML/CSS, Python, PHP, Ruby, SQL, Bash

Frameworks: NodeJS, ReactJS, JestJS, CypressJS, TypeScript, SCSS

Databases: MySQL, MongoDB, ElasticSearch, Redis, PostgreSQL

Tools: Git (cmd), Jira, Confluence, Stripe, Chargebee, Storybook, Trello, Microsoft Teams, Slack

Software Development: Agile & Scrum, TDD, Pair Programming, DevOps, CI/CD, IaC, Serverless

DevOps: AWS Infrastructure, Lambda, S3, SQS, SNS, EC2, Fargate, CloudWatch, Cognito, SSH

OTHER

- Hosted and maintained portfolio website and WordPress blogs on Ubuntu servers.
- Created web scraping and AI software to identify coral species based on images.
- Prototyped AI cryptocurrency price analysis tool for Bitcoin and Ethereum leveraging neural net for price prediction.
- Designed and constructed a tiny home shuttle bus for minimalist living.
- Through-hiked over 740 km of the Appalachian Trail over two months (West Virginia to Maine).
- Backpacked over ten countries in Asia Pacific for a better worldview.