Matthew Rowlandson

Lead Senior Software Development Professional

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Summary

Innovative Lead Senior Software Engineer with over a decade of experience in software development. Practical hands-on experience writing well-tested backend serverless microservices and APIs while creating quality frontend component-based applications. I specialize in leading the technical direction of engineering teams of 5-10 while being a core contributor to multimillion-dollar ARR software. I thrive in multi-tasking, and levelling up teams, while designing and building software from the ground up. I strive to be dynamic in learning new codebases and become a core contributor in any workplace.

Career

Augmentt Technology | Remote (EST) | 2020 - 2024
Senior **Software Engineering Team Lead**

- Provided technical direction for the development team of 10 staff and built complex software systems as a lead contributor to the Augmentt platform. Personally coded over 50% of all existing code across all main products.

- Directly led a team of 4 developers and provided support to 6 others. I led daily standups for my team and provided technical leadership to the rest of the Engineering team over Microsoft Teams chats and 1:1 video meetings.
- Focused on building and improving scalable generic infrastructure/systems that other developers can use as a foundation for their feature work. Saved $60k per year in database costs through my improvements.
- Wrote technical stories and researched ways to enhance the platform. Grooming backlog tickets from the PM and design team and creating new tickets for platform improvements in Jira.
- Solved, triaged, and delegated Customer Issues to the Team. Ensuring measures to prevent similar issues from occurring in the future through monitoring, alerts and automated unit and integration testing suite.

- Ran and documented all Agile Scrum (sprint planning, retrospectives, backlog refinement, etc) meetings for the Engineering Team.
- Working in a decentralized environment with other developers and contractors worldwide (EST, PST, AST, CET)
- **Tech Stack:**
  Backend: NodeJS, NextJS, JestJS (unit/integration testing), Elasticsearch (ELK), Bash, C# (.net), Redis, MySQL, Git
  DevOps: AWS, Serverless Lambda, S3, SQS, EC2, Cognito, Cloudwatch, RDS, IaC (cloudformation), Elastic Cloud
  Frontend: ReactJS, CypressJS, Storybook, SCSS.

Zaui Software | Vancouver, BC + Remote | 2018 - 2020

Senior Software Developer Consultant
- Working remotely for a PST business, in the EST timezone. Planning, designing and implementing software modules for Zaui's software platform.
- Implemented a new automated testing system for ensuring the quality of existing and future features

Full Stack Software Developer
- Working on a team of 8: implementing features, bug fixes and integrations with Zaui's large enterprise platform
- PHP 7.2, MySQL
- JavaScript, jQuery, NodeJS
- CSS3, HTML
- Unit Testing via Codeception and PHPUnit

gShift | Barrie, ON | 2015 - 2016

Intermediate Software Developer
- Integrated a new multimillion-dollar acquisition into a main ~2 million line enterprise-level web application.
- Working alongside a team of 6 Developers and a Project Manager.
- Maintained platform and created new features for an enterprise-level Ruby on Rails application.
- Effectively integrated a newly acquired company's software (Webcrawler built on AngularJS & NodeJS) into the main web application creating a new user interface and providing platform access via REST API.
- Other responsibilities included: feature design, documentation, agile development, automated deployment and unit/integration testing.

One More Story Games | Barrie, ON | 2014 - 2015
Senior Software Developer | Co-Founder and Team Lead
- Led a team of 8 student developers while creating a data driven game platform for user-generated interactive fiction content from the ground up
- Provided coaching, mentoring, and providing feedback to my team.
- Wrote PHP and mySQL back-end API and built/interfaced with a ActionScript 3 (Flash) front-end.
- Developed an e-commerce store with payments through Stripe, full main user interface, game flow and base game architecture.

National Department of Defense | Base Borden, ON | 2013
Technical Support Specialist - Co-op
- Worked alongside a technical support team providing service to over 1000+ users across Base Borden.
- Responded to support tickets by providing on site and over phone service which included troubleshooting software and hardware issues.
- Management considered me an excellent communicator and ideal candidate for a full time position as a live agent.

Education

Trent University |2016 - 2018| Bc.S Computing Systems with Honours | 4Yr Degree

- Extended my coding abilities to encapsulate complex theory and algorithms
- Data Structures and Algorithms
- *Advanced software architecture*
- Project Management
- Artificial Intelligence Theory - Capstone Team Project: Successfully developed Machine Learning system for predicting ETH, BTC cryptocurrency prices across time ranges using AI

Georgian College |2012 - 2015| Computer Programmer Analyst with Honours | 3Yr

- Developed strong coding skills and gained extensive hands on work experience through 3 Co-op work terms
- *Team Project: Developed hospitality employee management system (MEAN stack)*
- *Stack: C#, Python, C++, JavaScript, Java, ASP.net, CSS3, HTML5, JQuery, Ajax + Frameworks: AngularJS, NodeJS, ExpressJS*
- *Databases: mySQL, MongoDB, MicrosoftSQL, DB2*