Remus Calugarescu

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EDUCATION

University of Guelph ✎   Sep 2019 - May 2024
Bachelor of Computing - Computer Science | GPA: 4.0/4.0 (93%)   *Guelph, ON, Canada*

TECHNICAL SKILLS

Programming Languages:	TypeScript, JavaScript, Java, Python, SQL, C, Groovy
Web Technologies:	React, Redux, GraphQL, Vue.JS, HTML, CSS, Sass, Express.JS
Testing and Automation:	Jest, Selenium, Cypress, Mocha, JUnit, Docker, Github Actions, Jenkins
Tools and Infrastructure:	AWS, MySQL, PostgreSQL, Git, Node.JS, Linux, Jira

WORK EXPERIENCE

Wave Financial ✎   May 2023 - Aug 2023
Software Developer (Full-stack)   *Toronto, ON, Canada*

- Contributed to the development of a microservice oriented financial services platform that is used by over **325,000** businesses monthly through the use of **React**, **Redux**, **TypeScript**, **Jest**, **Python**, **Django** and **GraphQL**.
- Drove a significant increase in monthly revenue through the complete overhaul of Wave Checkouts, a legacy feature which allows customers to pay for products or services without the requirement of individual invoices.
- Identified **Cypress** E2E test deficiencies and created tickets that were addressed by various members of the team.

Vidyard ✎   Jan 2023 - Apr 2023
Software Developer (Frontend)   *Kitchener, ON, Canada*

- Developed the frontend and CI/CD of a microservice oriented video platform that is used by over **160,000** businesses and **600,000** individuals by using **React**, **Redux**, **TypeScript**, **Sass**, **AWS**, and **GitHub Actions**.
- Architected and created a library written in **TypeScript** which is usable across multiple Vidyard applications for video background virtualization through the leveraging of **TensorFlow**-based body segmentation.
- Ensured that the library's code maintained a high standard of quality through the addition of **Jest** unit tests, **ESLint** linting, and **GitHub Actions** CI/CD integrations.
- Wrote extensive documentation on Confluence regarding project risks, decisions made, code examples, and more.

CloudOps ✎   May 2022 - Dec 2022
Software Developer (Full-stack)   *Montreal, QC, Canada*

- Full-stack development of a web and API based application using **Java**, **Groovy**, **Vue.JS**, **JavaScript**, **MySQL**, and **Jest** that allows users to manage private and public cloud resources from **AWS**, **GCP**, **Azure** and more.
- Leveraged the **AWS Java SDK** to allow users to manage **AWS EKS Kubernetes** clusters through the app.
- Enhanced the performance of several **AWS SDK** components by over **300%** through the use of **Redis** caching.
- Ensured high software quality and code coverage of over **90%** through the performance of code reviews, PR reviews, acceptance reviews, and the usage of **Groovy** backend and **Jest** frontend unit tests.

NCR Corporation ✎   Sep 2021 - Dec 2021
Software Developer (Frontend)   *Waterloo, ON, Canada*

- Improved an online banking application with over 3,000,000 monthly active users by leveraging **React**, **Redux**, **TypeScript**, and **Jest** as a member of the money movement team.
- Upgraded the application's Zelle payment API implementation to meet Zelle's new technical design specifications.

Nymion Solutions ✎   Apr 2021 - Aug 2021
Software Developer (Full-stack)   *Montreal, QC, Canada*

- Created an optical data recognition and collection application with **Java**, **Node.JS**, **JavaScript**, **HTML**, and **CSS** that flagged sensitive information from PDFs, images, and spreadsheets with a detection rate of over **95%**.
- Leveraged **Docker** and **AWS EC2** to achieve a robust and secure deployment strategy for the application.

PERSONAL PROJECTS

Auto Mega ✎   Jun 2022 - Aug 2022
Created a full-stack web application with **Java**, **Spring Boot**, **React**, **Redux**, **TypeScript**, **Docker**, and **MySQL** that allows users to search for, and view vehicle ads from Autotrader, Kijiji, and Carpages through a centralized hub.

WeMorabilia ✎   Apr 2022 - May 2022
Utilized **React**, **Redux**, **TypeScript**, **GraphQL**, and **AWS**, to create a serverless photo scrap booking website.