

Jayla Ellul

Software Engineer

📍 Toronto, Canada

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Summary

As a seasoned software engineer with five years of industry experience, I bring a wealth of knowledge and expertise to every project I lead or contribute to. My communication skills combined with proficiency in full-stack development enable me to create effective software solutions. I thrive in dynamic environments where collaboration and innovation are encouraged.

Skills

Frontend: React.js, Next.js, HTML5, Sass, CSS, Webpack, CWV Optimization, A11Y Compliance

Backend: Node.js, Express.js, Nest.js, GraphQL, Serverless, Ruby, Databases (NoSQL and Relational)

Cloud Computing: ECS, EC2, Lambda, DynamoDB, SQS, CloudFormation, Google Firebase

DevOps: Docker, Jenkins, GitHub Actions, CircleCI, Unit and E2E testing, NewRelic, Splunk

Software: Git, Copilot, ChatGPT, npm, yarn, pnpm, Xcode, Figma, WordPress, Ubuntu Linux, MS Office Suite

Communication: Confident with public speaking, technical leadership, project management, mentoring and coaching

Work Experience

Senior Software Engineer

Software Engineer

Realtor.com

2023 - Present

2021 - 2023

Toronto, ON

- Tech Lead and owner of the For Sale Listing Page on Realtor.com averaging 30M+ monthly unique users
- Architected and implemented a seamless page transition using Next.js, resulting in a intuitive user experience and a 12% lift in page views per session and media revenue
- Built and managed a monorepo infrastructure supporting 6 independent teams across 4 unique real estate markets
- Reduced production deployment time from 2 hours to 30 minutes by migrating from Jenkins to CircleCI pipelines
- Lead multiple product initiatives resulting in a 3% increase in lead submission rate
- Promoted to Senior Software Engineer as a result of my performance and impact on the company

Software Engineer

Tag Digital Studios

2020 - 2021

Guelph, ON

- Gathered project requirements and developed web and mobile full stack applications in a fast-paced agile environment
- Utilized a variety of frameworks such as React.js, WordPress, Node.js, Ruby, and React Native
- Maintained relationships with agency partners and clients, and provided quotes on projects
- Created an E2E testing suite using Cypress.io to ensure each commit to the frontend is compliant with accessibility standards

Full Stack Developer

Securcor Financial Corp

2019 - 2020

Burlington, ON

- Designed and implemented two new React.js marketing websites in-house reducing outsourcing costs by \$1000/month
- Created a REST API and conforming web application using React.js and Express.js that enables employees to transfer files securely between external clients and Securcor
- Researched potential emerging frameworks to integrate into existing proprietary software and presented working demonstrations on how each framework would benefit the business

Education

Honours Bachelor of Computer Science (Co-op)

University of Guelph – 4.0 cumulative GPA

2016 - 2021

Guelph, ON

Personal Projects

Founder and Lead Developer

Motive Map-based Social Networking

2018 - 2020

Toronto, ON

- Ideated and built a social networking app that enables users to post events onto a map and interact with other users
- Designed a Swift and Google Firebase stack to create a seamless application that updates users in real-time
- Accumulated 5000+ iOS App Store views, 150+ installations, and 25 peak daily active users

Achievements

DreAIIm Big AI Hackathon Winner

Realtor.com

2023

Toronto, ON

Awarded first place in the company hackathon for creating a service that uses AI to generate alt tags for property images

Cryptography Challenge Winner

Hack The Valley 2

2018

Toronto, ON

Awarded for being the first team to complete the hackathon's cryptography challenge