

Rohinesh Ram

Fullstack Engineer

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HIGHLIGHTS

- **2 years** of **professional experience** developing and deploying web applications using **React**, **Typescript**, and **AWS**.
- Consistently received positive annual reviews for quick learning and significant contributions to client success.
- Proven track record of technical leadership, including the design and implementation of a novel scalable micro-frontend architecture.
- **AWS Developer Associate** and **AWS Solutions Architect Associate** certifications.

PROFESSIONAL EXPERIENCE

Fullstack Engineer

May 2022 - March 2024

Accolite Digital | Calgary, AB

- Integrated a React charting library into a client's data app, decreasing graph-building code by **82%** and increasing user interactivity.
- Leveraged modern React client-side caching techniques to reduce a web application's load time by **5 seconds**.
- Refactored a client's codebase and consolidated widget implementations into reusable **React** components, resulting in a **2-day reduction** in development time for new widgets.
- Initiated and led discussions with product owners, engineers, and designers to modify designs and backend APIs with a focus on improving UX and DX, respectively.
- Developed reusable **Terraform** modules for **AWS** infrastructure, and a **Github Actions CI/CD** pipeline to streamline and automate software building, testing, and deployments.
- Cut hosting costs by containerizing a **NextJS** app with **Docker** and rehosting it on **AWS Fargate (ECS)** and **RDS**.
- Built a custom implementation of the Github web application **OAuth** flow using **AWS Lambda** and **CloudFront** to secure a deployed **Storybook**.

ADDITIONAL PROJECTS

Personal Web Portfolio | rohineshram.com

- Developed a responsive personal web portfolio showcasing expertise in creating engaging user interfaces using **React** and **AWS**
- Wrote a reusable Terraform module for static website hosting using **Route53**, **ACM**, **CloudFront**, and **S3** and a CI/CD pipeline in **CircleCI** for automated deployments

C++ HTTP Server | *Server Project* [Link](#) | *Library Project* [Link](#)

- Actively implementing an HTTP server in **C++** with plans to publish a Docker image and deploy to **AWS EC2**.
- Created a statically linked C++ library for the implementation of TCP Sockets and HTTP Request/Response objects.

EDUCATION

University of Calgary | Master's of Engineering, Computer Software Engineering

June 2021- April 2022

- GPA: 4.0/4.0

University of Alberta | Bachelor's of Science, Mechanical Engineering - With Distinction

September 2014 - April 2018

- GPA: 3.7/4.0

SKILLS

React, HTML, CSS, REST, Typescript, Javascript, ES6, Vite, Webpack, NextJS, Jest, Storybook, Node.js, ExpressJS, Linux (Ubuntu), Lambda, S3, CloudFront, ECS, EC2, AWS CDK & SDK, Terraform, CircleCI, Github Actions, Docker, SQL, MongoDB, NoSQL, JIRA, GIT, Agile, Web Security Best Practices