

Sehmim Haque

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EXPERIENCE

Frontend Developer Contractor

March 2025 – Present

COGECO Inc

Montreal, QC

Tech Stack: React, TypeScript, Storybook, Cypress, AWS, Azure

- Architected the migration from React to Next.js, improving SEO and latency while unifying the frontend.
- Delivered CMS-driven Next.js features using Sanity and GraphQL, creating a stateless architecture that lets non-technical teams update content without deployments.

Software Developer

May 2022 – Jan 2025

Newforma Inc

Montreal, QC

Tech Stack: Pulumi, TypeScript, AWS, Azure, .NET

- Developed .NET backend services following Domain-Driven Design principles, using Entity Framework to model complex domain logic and maintain high data integrity.
- Implemented infrastructure-as-code using Pulumi on Azure, automating deployment of compute, storage, and networking resources across multiple environments.
- Designed an event-driven pipeline for Teams message notifications using Azure Service Bus queues and subscriptions, enabling asynchronous processing and decoupling event ingestion from database updates.
- Reduced manual QA work and cut production-bug incidents by introducing integration + E2E test suites automated through Bitbucket CI, saving 10–15 hours per week and increasing release reliability.
- Built self-healing AWS infrastructure using EC2 autoscaling groups, load balancers, and CloudWatch alerts, enabling fault-tolerant service operation during resource saturation and unexpected demand spikes.

Full Stack Developer

May 2021 – May 2022

Stay22

Montreal, QC

Tech Stack: React, TypeScript, GraphQL, Node, MongoDB, Heroku, Vue

- Automated revenue calculation and partner payout process using node.js, cutting down labor cost by a factor of 10.
- Containerized backend services using Docker and orchestrated them with Docker Swarm, enabling scalable, fault-tolerant deployments across multiple nodes.

Platform Engineer Co-op

Jan 2019 – Jan 2020

Scotiabank

Toronto, ON

Tech Stack: React, Redux, TypeScript, Node.js, MySQL, AWS, Amplify, Serverless

- Worked in Scotiabank's Payments Engines team as a platform engineer, containerizing IBM Financial Transaction Manager with Docker and modernizing core payment-processing infrastructure.
- Built and maintained CI/CD pipelines and deployment tooling for payments and fraud detection systems, improving release reliability and reducing environment inconsistencies.
- Collaborated with credit-card, fraud, and risk teams to support infrastructure updates and ensure secure, scalable operation of high-volume financial workflows.

TECHNICAL SKILLS

Languages: TypeScript, Python, Java, C#

Frameworks: Node.js, React, Vue, .NET

Cloud services: AWS, GCP, Azure

Mobile: Flutter, React Native

EDUCATION

York University (Toronto, Canada)

Computer Science