# SHIVAM SABBARWAL

Senior Software Engineer

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## PROFESSIONAL SUMMARY

Senior Software Engineer with 7+ years of experience in full-stack development, specializing in React, Node.js, TypeScript, and cloud technologies. Proven expertise in building scalable web applications, leading technical teams, and implementing modern development practices. Strong background in frontend development, backend architecture, and DevOps with experience in AWS, Docker, and CI/CD pipelines.

## EXPERIENCE

**SOFTWARE ENGINEER**  Vancouver, BC

3vGeomatics (Orica Digital Solutions)  •  July 2025 – Present

`React`  `Redux Toolkit`  `TypeScript`  `ESRI/ArcGIS`  `PostHog`  `Docker`  `AWS`

- **Developed Motionary and Agora platforms** using ESRI mapping technologies, React, TypeScript, and Redux Toolkit (RTK), refactoring legacy codebase to implement modern functional components and hooks.
- **Implemented user consent management system** with PostHog product analytics, ensuring GDPR compliance and data privacy for geospatial monitoring applications.
- **Collaborated with backend API teams** to integrate RESTful APIs and optimize data visualization workflows for InSAR monitoring and customer interaction features.

**CHIEF TECHNOLOGY OFFICER (CTO)**  Surrey, BC

Remittor AI  •  December 2023 – Present

`React`  `Node.js`  `PostgreSQL`  `AWS`  `Docker`  `Kubernetes`  `TypeScript`  `Banking APIs`  `Team Leadership`  `Microservices`

- **Architected and developed** a comprehensive cross-border transaction platform serving 10,000+ Non-Resident Indians (NRIs) across India, Canada, USA, and Australia, facilitating overseas property sales and international money transfers.

- **Led development of the platform**, establishing development standards, code review processes, and implementing CI/CD pipelines using Docker and Kubernetes for scalable deployment.
- **Designed and implemented** secure tax compliance systems for NRIs in multiple jurisdictions (India, Canada, USA, Australia), integrating directly with ICICI Bank and HDFC Bank APIs to ensure regulatory compliance and secure transactions.
- **Built comprehensive overseas property sales platform** with automated legal, financial, and regulatory workflows, reducing property sale processing time by 60% through streamlined digital processes and direct bank integrations.

**SENIOR SOFTWARE ENGINEER**  Vancouver, BC
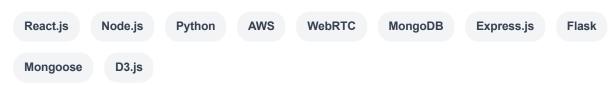
Unleashd Technologies  •  January 2022 – July 2025

React.js   Redux   Node.js   AWS   PostgreSQL   WebSockets   Python   Django

Express.js   TailwindCSS

- **Led the transition** from monolithic to microservices architecture, reducing technical debt and improving scalability. This shift significantly enhanced system maintainability and deployment efficiency while cutting **data acquisition costs by 65%**.
- **Developed** internal and client-facing tools such as **File Mapper**, allowing data teams to import unstructured CSV files, and **Smart Customer Segments**, a powerful filtration system for targeted marketing. These innovations contributed to **doubling client acquisition** and became integral to the **primary product, Drive AI**.
- **Spearheaded frontend modernization** by migrating from CSS to **TailwindCSS** and replacing the Ant Design component library with **a scalable in-house design system built** on Radix UI Primitives. This system introduced **reusable components**, ensuring a **cohesive and consistent UI/UX** across all platforms.
- **Built and maintained full-stack applications** using **React, Node.js, and PostgreSQL**, hosted on **AWS**, optimizing **performance, scalability, and security** across various projects.
- **Designed and implemented ETL pipelines**, improving **data ingestion, transformation, and integration** across multiple sources. Enabled streamlined analytics and decision-making for clients and stakeholders.

**FULL-STACK DEVELOPER**  Saint John, NB

Four Eyes Financial  •  July 2020 – January 2022

React.js   Node.js   Python   AWS   WebRTC   MongoDB   Express.js   Flask

Mongoose   D3.js

- **Developed** a full-featured web-based CRM platform using the **MERN stack**, automating **financial workflows** and enhancing business operations.

- **Integrated video conferencing capabilities** within the CRM using **WebRTC and AWS Chime**, enabling seamless client interactions.
- **Designed interactive data dashboards** using **D3.js, Recharts, and Ant Design**, providing clients with **clear, real-time financial insights**.
- **Maintained and optimized a financial analytical microservice**, improving data visualization, **reducing load times**, and enhancing overall user experience.

## SKILLS

### FRONTEND

React TypeScript Next.js

Tailwind CSS Framer Motion Vite

React Native

### BACKEND

Node.js Python Go PostgreSQL

MongoDB Redis Serverless

### CLOUD & DEVOPS

AWS Vercel Cloudflare Docker

CI/CD Terraform Kubernetes

### AI & DEV TOOLS

OpenAI API LangChain Vitest Jest

Cypress Playwright Git Figma

VS Code

## EDUCATION

**BACHELOR'S IN SOFTWARE ENGINEERING** Fredericton NB

University of New Brunswick • April 2020

Co-op Certification Minor in Biomedical Engineering