

Savitra Sapre

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Skills

Languages: Python, C#, TypeScript, JavaScript, HTML CSS, Sass

Frameworks: React, Redux, .Net, Next.js, Node.js, Vite

Developer Tools: AWS, S3, Lambda, CodePipeline, Jest, Docker, Redis, PostgreSQL, DynamoDB

Certifications

AWS Certified Developer - Associate (DVA-CO2)

Aug 2025

Experience

Software Developer, QuantGate Systems – Toronto, ON

Jan 2022 – May 2025

- Built and maintained the Pilot application, a React Native-based trading app, handling the order flow of more than 60,000 exchange-listed assets worldwide in real time.
- Created SSO authentication and authorization flow using OAuth 2.0, improving user experience and cutting customer onboarding time by an average of 17 minutes/user.
- Boosted engagement by 7% by creating a Neural Network to analyze market sentiment.
- Implemented CI/CD for NPM modules using AWS CodePipeline, increasing sales by 3%.
- Onboarded 2 new hires, reducing average ramp-up time from 4 weeks to 1.5 through improved documentation.

Contract Software Developer, Tradewinds Capital Management – Kitchener, ON

June 2021 – Dec 2021

- Built cross-platform mobile apps for the food industry using React Native, Redux, and Styled Components, optimizing user experience.
- Developed a back-end stack using C#, AWS CloudFormation, Lambda, DynamoDB, and SQS/SNS reducing 10+ hours of manual deployment time.

Software Developer (co-op), Cronos Consulting Group – Mississauga, ON

Mar 2021 – May 2021

- Developed and maintained an HR information system using React and Redux, including employee data management, payroll, and performance tracking features to improve page visits by 22%.

Senior Product Engineer, Verizon – New York City, NY

Jun 2016 – April 2017

- Designed system architecture and led full-stack implementation for an interactive message delivery system through emotes using TypeScript, Material UI, .Net and PostgreSQL.
- Led Open Innovation Department (Gaming) to develop a chat platform on C#, React, and Node.JS, resulting in an increase in productivity by 16%.
- Launched a feature to detect no relevant content using AWS Step Functions and Lambda serving over 10K requests/hour and reducing explicit content delivery by 6%.

Software Developer, Accenture – Mumbai, India

Jul 2011 – Jun 2014

- Developed and maintained an integrated desktop app for a UK banking client, supporting 50k concurrent users. Optimized performance with MVC, Spring and Hibernate, cutting fetch time by 30%.
- Implemented the data access layer allowing Real Time Sanctions to be fetched from IBM Mainframes from 3rd party client, resulting in enhanced user experience in phone banking.
- Migrated application codebase to VB.Net from VB6 by addressing legacy issues and introducing object oriented modules, resulting in newer architecture and faster deployment time from 17 minutes to 4.

Education

Carnegie Mellon University – Master of Computer Science in Entertainment Tech

May 2016

NMIMS University – Bachelor of Computer Science

June 2006