

# Savitra Sapre

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## Skills

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**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

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AWS Certified Developer - Associate (DVA-CO2)

Aug 2025

## Experience

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**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

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**Carnegie Mellon University** – Master of Computer Science in Entertainment Tech

May 2016

**NMIMS University** – Bachelor of Computer Science

June 2006