

# Vatsaal Parmar

Portfolio: <https://vatsaal.pro>  
Github: [github.com/vatsalp98](https://github.com/vatsalp98)  
LinkedIn: [@vatsalparmar98](https://www.linkedin.com/in/vatsalparmar98)

Vancouver, BC  
Mobile: +1-437-522-5525  
Email: [vparmar@sfu.ca](mailto:vparmar@sfu.ca)

## EDUCATION

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- **Simon Fraser University** Burnaby, Canada  
*Bachelor of Applied Sciences - Computer Science* *Jan 2016 - Apr 2022*  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Networking, Databases, Mathematical Analysis*

## SKILLS

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- **Technical Skills:** Experienced in Python, Dart, C++, JavaScript, TypeScript, SQL, Java, and GraphQL. Skilled with frameworks like Flutter, Django, Flask, Node.js, React, Next.js, and Serverless. Proficient with tools including Docker, Git, DynamoDB, and Firebase. Familiar with platforms such as Linux, Web, Windows, Arduino, Raspberry Pi, AWS, GCP, Android, and iOS.
- **Languages:** Native in French, English, Gujarati, Hindi.

## EXPERIENCE

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- **CendMate Inc.** Burnaby, BC  
*Full Stack developer — Mobile developer* *January 2023 - Present*
  - **Full-Stack Development:** Developed and integrated both front-end and back-end components using ReactJs, TailwindCSS, ShadcnUI, and Next.js. Created a serverless architecture, ensuring seamless API communication between mobile and web platforms and maintaining cross-browser compatibility.
  - **Type Safety & Automation:** Enhanced code quality and maintainability using TypeScript. Implemented CI/CD pipelines with GitHub Actions to automate testing and deployments for consistent code quality and streamlined development workflows.
  - **Third-Party Integrations & User Experience:** Integrated payment systems for various currencies and implemented event-based notifications with webhooks. Developed email notifications using Resend and a customer support system with Zoho Desk. Led mobile app development with Flutter, delivering cross-platform applications with a focus on user engagement and efficiency.
- **CodeKraft** Burnaby, BC  
*Freelance Developer* *January 2023 - Present*
  - **Custom Web Solutions:** Designed and developed websites for local businesses, enhancing their online presence and customer engagement. Utilized modern web technologies to create responsive, user-friendly sites tailored to each client's needs. Explore these projects on my portfolio website.
  - **SaaS Development:** Created a medical booking SaaS platform, implementing features for appointment scheduling, patient management, and secure data handling. Focused on delivering a scalable solution that improved operational efficiency for healthcare providers in developing countries.
  - **Employee Management Systems:** Developed an employee shift tracking system to streamline scheduling and time management. Implemented features for shift planning, tracking, and reporting, helping businesses optimize workforce management and reduce administrative overhead.
  - **Digital Marketing & Brand Design:** Helped businesses boost their online presence through targeted digital marketing strategies and compelling brand designs. Developed brand identities and marketing campaigns to enhance visibility, engage customers, and drive growth.
- **SalonEverywhere Inc. (Subsidiary of Tario Ventures)** Toronto, ON  
*Full Stack developer — Mobile developer* *September 2020 - December 2022*
  - **Serverless Architecture & Data Synchronization:** Designed and implemented a serverless architecture on AWS Amplify, reducing infrastructure costs by 50% while enhancing scalability and availability. Utilized AWS AppSync for efficient data synchronization between mobile devices and back-end systems.
  - **Mobile Application Development & Publishing:** Developed and published company's mobile application for Android and iOS platforms, increasing customer engagement by 30%. Collaborated with product and design teams to create user-oriented features, resulting in positive customer feedback and higher user retention.
  - **AI Performance Analysis & API Implementation:** Created HTML pages to make AI-predicted data more digestible for better performance analysis. Implemented an AWS Lambda function to generate draft previews of beauty portfolios, streamlining the generation of user profiles and enhancing overall application functionality.

## VOLUNTEER EXPERIENCE AND EXTRA-CURRICULAR ACTIVITIES

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- Founder & President of the SFU Table Tennis Club - September 2022
- Volunteered at the SFU CO-OP Fair - November 2019
- Restored a historical site (Slave house - Lome, Togo) - September 2016
- Togolese Red Cross, First aid certificate - June 2016