

Vatsaal Parmar

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EDUCATION

- **Simon Fraser University** Burnaby, Canada
Bachelor of Applied Sciences - Computer Science *Jan 2016 - Present*
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Networking, Databases, Mathematical Analysis
- **Ecole Internationale Arc-en-ciel** Lomé, Togo
Baccalauréat International (IB) - 32/45 *Sept 2012 - Mar 2015*
Courses: Mathematics NS(HL), Physics NS (HL), Economics NS (HL), French A NM (SL), English B NM (SL), Chemistry NM (SL)

SKILLS SUMMARY

- **Languages:** Python, Dart, C++, JavaScript, TypeScript, SQL, Bash, JAVA, GraphQL
- **Frameworks:** Flutter, Django, Flask, NodeJS, React, NextJs, Serverless
- **Tools:** Docker, GIT, DynamoDB, FireBase, Serverless
- **Platforms:** Linux, Web, Windows, Arduino, Raspberry, AWS, GCP, Android, iOS
- **Soft Skills:** Leadership, Teamwork, Technical Writing, Public Speaking, Time Management, Multilingual

EXPERIENCE

- **Apfly.live** Burnaby, BC
Founder & Lead Developer *Jan 2023 - Present*
 - **Stack Used:** Founded Apfly.live, a startup that helps local businesses create online presence using Typescript, AWS, TailwindCSS, and NextJS applications & led the development of the platform, from ideation to launch, creating scalable, user-friendly, and responsive applications that enable businesses to establish their online presence effectively.
 - **Team Management:** Managed a team of developers, designers, and marketers, ensuring timely delivery of projects and maintaining high-quality standards.
 - **Client acquisition:** Collaborated with clients to understand their requirements, provide technical consultation, and customize the platform to meet their specific needs.
 - **Product Planning:** Utilized agile development methodologies, conducting regular sprints, and implementing continuous integration and deployment pipelines to ensure high-quality code and efficient project management.
 - **GVPPS.com:** An Online page for a local Table Tennis Club improving their local discoverability. Implemented AWS infrastructure, ensuring high availability, scalability, and security of the platform.
 - **WeDoc.me, Telemedicine Platform:** Collaborated with WeDoc.me, a telemedicine platform, to develop a secure and HIPAA compliant application that enables patients to schedule appointments, consult with doctors, and receive prescriptions remotely. Leveraged Typescript and NextJS to create a fast and responsive application that works seamlessly on all devices.
 - **Shiftmanager.live, Employee Scheduling Platform:** Developed custom features such as time and attendance tracking, shift swapping, and automatic notifications to enhance the functionality of the platform and improve user experience. Optimized the application's performance, ensuring that it can handle a large number of users simultaneously without slowing down.
- **SalonEverywhere.com** Remote
Full Stack developer — Mobile developer *September 2020 - December 2022*
 - **AWS Amplify:** Designed and implemented a Serverless Architecture on AWS, reducing infrastructure costs by 50% and improving scalability and availability of the application.
 - **AWS AppSync:** Utilized AWS AppSync for data synchronization between mobile devices and backend systems, resulting in faster and more efficient data transfer and processing.
 - **Published App:** Developed and published SalonEverywhere.com's mobile application for Android and iOS platforms, increasing customer engagement and revenue by 30%.
 - **Collaboration:** Worked closely with the product and design teams to gather requirements and develop user-friendly features, resulting in positive customer feedback and increased user retention.
 - **HTML pages to analyse AI performance::** Creating multiples page to make the data predicted by the AI human readable for a better understanding of the performance.
 - **Draft Profile API (AWS Lambda):** Implemented a Lambda function to generate a draft preview of the final beauty portfolio created automatically by the AI for a faster generation of user profiles.
 - **Overview:** Overall, my experience at SalonEverywhere.com has been a challenging and rewarding opportunity to work with modern technologies and contribute to the growth of a successful startup.

VOLUNTEER EXPERIENCE AND EXTRA-CURRICULAR ACTIVITIES

- Founder & President of the SFU Table Tennis Club - September 2022
- Restored a Historical Site - September 2016
- Volunteered at the SFU CO-OP Fair - November 2019