

Prarthan Christian

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EDUCATION

SENECA POLYTECHNIC

DIP. IN COMPUTER PROGRAMMING

April 2024 | Toronto, ON

GPA: 3.8 / 4.0

COURSEWORK

GRADUATE

Applied Problem Solving

Introduction to Programming Using C

Computer Principles for Programmers

Operating Systems

Introduction to Database Systems & Object

Oriented Programming

Web Programming Principles & Frameworks

Advance Data Base Services

OOP Software Development using C++

Software Testing, Analysis and Designs

Data Structure and Algorithms

IT Project Management

SKILLS

PROGRAMMING

TypeScript • Python • S

SQL • HTML/CSS • JavaScript • C & C++

DEVELOPER TOOLS

AWS Cloud Platform • Microsoft Azure • Git

LANGUAGES

Fluent

English • Hindi

Proficient

French

AWARDS

- AWS Certified Solution Architect
- Judging Volunteer | Hack the North
- Volunteer Lead | Hack the Valley
- Build Chatbots | Codecademy

EXPERIENCE

KORALBYTE | FULL STACK DEVELOPER

Jan 2025 – present | Toronto, ON

Core Contributor of cocoa-app.com

- Led the re-architecture of the **Cocoa App** to enhance scalability and performance, redesigning the user interface and enabling seamless support for a user base of over **1,000+ customers**.
- Implemented a **real-time chat feature** within the app, integrating WebSocket technology for instant messaging and ensuring high reliability during peak usage.
- Developed the end-to-end integration with TypeScript, responsible for gaining over **15% of customer reach** through web frameworks.
- Optimized backend architecture by decoupling monolithic services into microservices, reducing system downtime by **70%** and improving operational efficiency.

FLARE WEB DESIGNS | WEB DEVELOPER

June 2024 – Dec 2024 | Toronto, ON

Design and Developed: flarewebdesigns.com

- Managed end-to-end website development projects, from design concept to deployment, ensuring smooth functionality and client satisfaction.
- Integrated custom features such as interactive animations, 3D elements, and unique UI/UX designs to create modern, visually appealing websites that drive engagement.

PROJECTS

NEXT-GEN-SHOP | FULL STACK APP

January 2024 – Present | Toronto, ON

GitHub: [Next-Gen-Shop](#)

- Developed a fully functional, dynamic e-commerce platform using **React, Node.js, & MongoDB**, with features like responsive design and real-time product updates.
- Optimized user experience through seamless navigation, interactive product filtering, and a streamlined checkout process for enhanced customer satisfaction.

FINANCE TRACKER | PYTHON

July 2024 – Sept 2024 | Toronto, ON

GitHub: [Personal-Finance-Tracker](#)

- Developed a personal finance tracking application that uses **Matplotlib and Pandas** to visualize financial data through interactive **charts and graphs**, providing users with insightful financial analysis.
- Integrated a **Chatbot feature (FinBot)** to offer personalized financial recommendations and real-time insights, enhancing user engagement and decision-making.