

Prarthan Christian

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Professional Summary

AWS Certified Developer with expertise in software development, web development, and database management, seeking to apply skills in a dynamic, growth-focused environment. Committed to innovation, teamwork, and continuous learning in software engineering or data analysis roles.

Education

Seneca College

Toronto, ON

Diploma in Computer Programming , Computer Science

Sept 2022 – May 2024

- Graduating GPA: 3.9/4.0
- Relevant Coursework: Web Development, Data Structures and Algorithms, Database Management System, Object Oriented Programming, Project Management Using Agile Methodology.

Certifications

AWS Solution Architect



July 2024 – July 2027

- Developed foundational skills in AWS services like EC2, S3, and RDS, focusing on cloud architecture, scalability, security, and cost management through hands-on labs and tutorials.

Experience

Flare Web Designs

Web Developer · Permanent Full-time

Oct 2024 – Present

- Client Collaboration and Web Development: Worked closely with clients to understand their business needs and create visually appealing, custom web solutions using HTML, CSS, and JavaScript, resulting in a 30% increase in client satisfaction and repeat business.
- Responsive Web Design: Implemented responsive design principles, ensuring optimal viewing experiences across devices and browsers, leading to a 20% improvement in mobile traffic and engagement.
- UI/UX Design and CMS Platforms: Designed and implemented user-friendly, interactive websites using Webflow, WordPress, and Squarespace, improving website navigation and user experience, which resulted in a 30% increase in user retention across multiple projects.
- SEO and Performance Optimization: Optimized websites for SEO and page performance, increasing website visibility by 25% and reducing page load time, significantly boosting user engagement.

Projects

Personal Finance Tracker with FinBot | Python – [View Code](#)

- Developed a Python-based personal finance tracker, enabling users to categorize expenses, track financial activities, and visualize data.
- Integrated FinBot, an AI chatbot offering financial advice and budgeting tips.
- Impact: Enhanced financial decision-making through real-time expense tracking and AI-based advice.
- Technologies: Python, Pandas, Matplotlib for data handling and visualization, and OpenAI for chatbot integration.

Weather App | Python, Node.js, Express, API – [View Code](#)

- Developed a full-stack weather application utilizing Node.js and Express to fetch and display real-time weather data based on user input.
- Impact: Enhanced user experience through dynamic background changes and error handling, providing visual feedback based on weather conditions.
- Technologies: Built with Node.js and Express for the backend, incorporating Axios for API requests.

Slot Machine | Python – [View Code](#)

- Developed an interactive Slot Machine game using Python, featuring random outcomes and user input for an engaging experience.

- Impact: Implemented core game mechanics, including bet handling and random symbol generation, to enhance user interaction.
- Technologies Used: Utilized Python’s basic programming constructs to design game logic and simulate randomness, providing a fun and simple gaming experience.

Portfolio Site (Prarthan’s Path) | [JavaScript, HTML, CSS – View Code](#) | [View Site](#)

- Built using HTML, CSS, and JavaScript, with a focus on responsive design and user experience.
- Impact: Enhanced the presentation of skills and projects through a well-designed, regularly updated portfolio. The proactive approach to updating the site with new features and functionalities underscores adaptability and innovation, reflecting ongoing personal and professional development.
- Technologies: Designed with a focus on front-end technologies—HTML, JavaScript, and CSS—ensuring a visually engaging and functional user experience.

Technical Skills

Languages\$Python, C/C++, SQL, JavaScript, HTML/CSS, Oracle SQL, PostgreSQL and MongoDB.

Frameworks : React, Node.js, Expresss, FastAPI.

Developer Tools: Git, AWS Cloud Platform, VS Code, Visual Studio, PyCharm.

Libraries: Pandas, NumPy, Matplotlib.

Involvement

Volunteer @ Hack The North	University Of Waterloo, Sept 2024
Judging Volunteer	
*Assessed innovative projects and provided feedback as a Judging Volunteer, contributing to the event’s success by ensuring a fair evaluation process.	
Volunteer @ Hack The Valley	University Of Toronto, Sept 2024
Volunteer Lead	
*Facilitated smooth communication between volunteers, attendees, and organizing teams to maintain the event’s momentum and handle any real-time challenges.	