

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

Amazon Web Service

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.

PROJECTS

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

- Developed a Python-based application for efficient personal finance management, enabling users to categorize expenses and track financial activities.
- Impact: Enhanced financial decision-making through real-time expense tracking and visualized financial data.
- Technologies: Built with Python, utilizing libraries and tools like Pandas and Matplotlib for data handling and visualization.

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, Express, FastAPI.

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

Libraries: Pandas, NumPy, Matplotlib.