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*](https://github.com/pyPrarthan/Personal-Finance-Tracker)

* 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*](https://github.com/pyPrarthan/Weather-App)

* 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*](https://github.com/pyPrarthan/Slot-Machine-Python)

* 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*](https://github.com/pyPrarthan/PortfolioSite) *|* [*View Site*](https://prarthanspath.netlify.app/)

* 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, Experss, FastAPI.

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

**Libraries**: Pandas, NumPy, Matplotlib.