AGAM AIRI

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Motivated and versatile software developer with expertise in Full Stack development. Adept in problem solving, application development and a solid grasp of programming fundamentals. Graduate from Seneca College in Computer Programming, profecient in various aspects of computer science with a passion for staying updated on the latest technology trends looking for an opportunity in your orgranization.

KEY SKILLS

- **Programming & Scripting Languages:** Python, C++, JavaScript, Dart, C#, SQL, C, PHP
- **Technologies:** React, Angular, Flutter, Full Stack Development, Vue JS, Node.JS, Express.JS, Django, Flask, MongoDB, SQL, Git, Rest API development, Unity Engine, Unreal Engine, Photoshop, Linux, MS Visual Studio, VSCode

EDUCATION

Seneca College, Toronto, ON

Diploma in Computer Programming
(2 years Diploma Program) 3.4GPA

January 2022 – April 2023

Sardar Patel University, IN
Bachelor of Business Administration
(IT management specialization) 8.5GPA

June 2018 – July 2021

WORK EXPERIENCE

Part-Time Receptionist, The Buffalo Group of Companies, Brampton   **May 2022 - November 2023**

- Managed the reception area, ensuring a professional and welcoming environment.
- Answered and directed incoming calls, providing assistance and taking messages.
- Assisted with administrative tasks, such as filing, document preparation, and mail handling.
- Provided general support to various departments and responded to inquiries from clients and employees.
- Maintained accurate records and demonstrated excellent communication skills.

Front-End Developer, CodeLekhak   **August 2021 - December 2021**

- Collaborated with back-end developers to integrate front-end code effectively.
- Communicated with clients to understand requirements and deliver tailored technical solutions.
- Designed 3 engaging Uis using React anad Flutter, boositing customer engagement by 25%
- Implemented responsive design principles for optimal user experience across devices.
- Utilized frameworks like Angular and React based on client preference to enhance UI functionality.
- Delivered high-quality work within project timelines, ensuring client satisfaction.
- Actively contributed to project discussions, fostering a collaborative environment.

Software Developer, Cyber Labs India   **December 2019 – November 2020**

- Worked with cross-functional teams to deliver seven web and mobile applications with various functionalities and features.
- Created five responsive user interfaces using the MERN stack and deployed them for business clients.
- Built two secure and scalable back-end systems using Node.js, Express, MongoDB, and Git. Implemented RESTful APIs and authentication mechanisms.

PROJECTS

React Weather App using OpenWeather:
- Designed and developed a responsive weather app in React using the Open Weather API for seamless User Experience.
- Implemented an autocomplete feature to suggest location based on user input.
- Wrote clean and maintainable code with proper comments to meet the industry standards.
- Integrated real-time weather data, including temperature, humidity, wind speed, and weather conditions.
- Ensured a seamless user experience across devices with a user-friendly interface.
- Optimized performance by handling API requests efficiently and minimizing unnecessary re-renders.
- Handled errors and fallback scenarios, enhancing the app's robustness.

Academic Project – C++ Assembly Line Simulator:
- Designed and implemented object oriented design principles as well as dynamic memory allocation and multithreading.
- Utilized advanced features such as move semantics, exception handling, and STL algorithms for efficient resource management and algorithmic operations.
- Developed a module to uniformly parse input files, employing key programming fundamentals such as token extraction and data management.
- Github was used for version control to ensure that efficient and collaborative development.

Academic Project - Web Application:
- Developed a comprehensive web application using DOM (Document Object Model), Node.js, Express, Handlebars, and MongoDB.
- Implemented secure log-in functionality with user authentication and authorization to protect sensitive data and ensure secure access to the application.
- Implemented fully functional CRUD functionality allowing users to create, read, update, and delete data.
- Integrated MongoDB as the database to store and manage data, ensuring efficient data retrieval and storage.
- Applied proper validation and error handling mechanisms to enhance the application's reliability and prevent data inconsistencies.

Academic Project – C++ Library Management Application:
- Library management system programmed in C++ following OOP principles ensuring modularity and maintability
- Data storage using file input and output operations making use of the File I/O
- Implemented full CRUD functionality using the Command Line Interface (CLI) while making use of the streamable interface for efficient reading and writing of data to and from files.
- Github was used for version control to ensure that efficient and collaborative development.

Personal Project – E-Commerce Website:
- Developed an online store using React and Next.JS.
- Implemented data fetching from a JavaScript object notation (JSON) to dynamically display card information.
- Integrated stripe as the payment portal to ensure safe and secure transacitons.
- Made the website Reactive to ensure consistency throughout the internet
- Implemented clean and attractive user interface on the front end.

Portfolio Website:
- Created a professional portfolio website using HTML5, CSS, and JavaScript, showcasing web development skills.
- Hosted the website on GitHub Pages for easy accessibility and sharing.
- Included a downloadable resume for recruiters and employers to access.
- Developed a captivating game using Vanilla JavaScript, incorporating sprites and animations, with parallax effects for an immersive experience and to showcase my skills in JS.

Flutter Projects:
- Developed multiple cross-platform applications using Flutter and Dart including Instant messaging app that uses Google Firebase for data storage and authentication
- Implemented Minimalistic Weather App that uses the location of the user to fetch weather data
- Made a to-do list app that uses No-SQL database to implement CRUD functionality on local storage