Agam Airi

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Motivated and versatile Software Developer with a strong foundation in game development and web technologies. Adept at crafting innovative solutions and skilled in full-stack development, software architecture, and problem-solving. Effective collaborator with a passion for staying updated on the latest technology trends.

Key Skills:

- Full-stack web development with expertise in front-end and back-end technologies.
- Game development using Unity and Unreal Engine with proficiency in C# and C++.
- Strong knowledge of programming languages including Python, C++, C#, JavaScript, and PHP.
- Experience in mobile app development with Flutter.
- Version control using Git and GitHub.
- Database management with MySQL and MongoDB.
- Proficiency in data structures and algorithms.
- Object-oriented programming principles.
- Clean Code and SOLID principles.
- Strong problem-solving and communication skills.

Work Experience:

Freelance Front-End Developer, CodeLekhak August 2021 - December 2021
- Coordinated with back-end experts, crafting seamless 3 web apps for businesses.
- Designed 3 engaging UIs using HTML, CSS, JavaScript, React, and Bootstrap increasing customer engagement by 15%.
- Contributed actively to project discussions, ensuring on-time deliveries.

Software Developer Intern, Cyber Labs, December 2019 – November 2020
- Collaborated on cross-functional teams, developing 7 web and mobile apps.
- Designed 5 responsive UIs with HTML, CSS, JavaScript, React, and Bootstrap.
- Engineered 2 robust back-end systems using Node.js, Express, MongoDB, and Git.

Education:

Seneca College, Toronto, ON   January 2022 - April 2023
Diploma in Computer Programming (2-year Program)   3.4 GPA

Sardar Patel University, IN   June 2018 - July 2021
Bachelor of Business Administration (IT Management   8.5 GPA
Specialization)

Software Development Projects:

1. **React Weather App (OpenWeather API)**
   - Designed and developed a responsive React weather app.
   - Integrated real-time weather data and optimized API requests to ensure optimal use of the server resources.
   - Implemented user-friendly autocomplete functionality with GEO API and filtered search results.

2. **Web Application (DOM, Node.js, Express, MongoDB)**
   - Created a secure web app using NodeJS, Express and added login functionality for the users.
   - Enabled efficient data management with CRUD operations.
   - Integrated MongoDB for data storage and applied robust validation to ensure data safety.

3. **E-Commerce Website (HTML, CSS, JS, DOM)**
   - Developed 3 online stores with dynamic product listings.
   - Utilized react for dynamic content display to ensure consistency in the design.
   - Ensured a smooth user experience with responsive design which increased user engagement by 15%.

4. **Flutter Mobile Apps**
   - Developed 6 Flutter apps including a chat app with Firebase authentication and a real-time weather app.
   - Created expense and task management apps with user-friendly interfaces with the help of Material UI.
   - Created apps with CRUD functionality and optimized them to work on different operating systems.

5. **Personal Portfolio Website**
   - Hosted on GitHub Pages with a downloadable resume and over 1000 visits.
   - Designed and developed a professional portfolio site showcasing web and game development skills.
   - Added a vanilla JS game to the website to create an engaging user experience.