Tejvir Kaur

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Professional Summary

Motivated and detail-oriented Software Developer with a strong foundation in computer science, object-oriented programming, and software engineering principles. Skilled in designing, developing, and testing innovative software solutions that enhance performance, scalability, and user experience. Adept at collaborating in diverse, cross-functional teams to translate user requirements into effective technical implementations. Passionate about continuous learning, adopting emerging technologies, and applying best practices in coding, debugging, and software optimization. Committed to delivering high-quality, reliable, and efficient solutions that empower users and drive organizational success.

Key Skills

- **Programming Languages:** JavaScript, TypeScript, C, C++, SQL
- **Web Technologies:** HTML, CSS, React.js, Express.js, Node.js, ASP.NET
- **Databases:** MongoDB, MySQL, NoSQL, Supabase
- **Mobile Development:** React Native
- **Tools & Frameworks:** Git, GitHub, Material UI, React Native Paper
- **Software Development Concepts:** Object-Oriented Programming (OOP), RESTful APIs, JSON Schema Validation, Debugging, Testing
- **Other Skills:** UI/UX Design, Responsive Web Design, Agile Collaboration, Version Control, Jira, Trello
- **Soft Skills:** Problem Solving, Teamwork, Time Management, Communication, Adaptability, Leadership

Experience

1. **Dhiman Academy (Social Media Manager)**

   Jalandhar, Punjab | 2023-24
   - Created and managed engaging digital campaigns to increase student enrolment and brand visibility.
   - Analyzed audience insights to improve communication strategies and strengthen online presence.
   - Worked closely with management to align digital strategy with organizational goals.

2. **Langara college (SWAP and VOLT student)**

   Vancouver, BC, Canada
   - Actively participated in Student Work Assistance Program (SWAP), providing peer support and contributing to campus initiatives.
   - Volunteered through the VOLT program to engage in community service and student events, enhancing teamwork and leadership skills.
   - Collaborated with diverse student groups to foster inclusion, communication, and professional development within the campus community.

Education

1. **Post Graduate Diploma in Web and Mobile App Development and (2024-25)**

   Langara College (Vancouver, Canada)

2. **Master's in Computer Science (2021-23)**

   Guru Nanak Khalsa Girls College (Punjab, India)

3. **Bachelor's in Computer Science (2018-21)**

   Guru Nanak Khalsa Girls College (Punjab, India)

1. Zyra – AR Educational App

React Native, Expo, REST API, JavaScript

- Developed an interactive mobile app integrating Augmented Reality (AR) to make learning fun and immersive for children.
- Implemented API integration to fetch educational 3D models and fun facts dynamically.
- Designed an engaging, child-friendly interface with smooth navigation and age-based content filtering.
- Optimized performance across Android and iOS using Expo tools and React Native best practices.

2. StreetSight – Campaign Management Platform

streetsight.wmdd.ca

React, TypeScript, Material UI, MongoDB, Express.js

- Built a full-stack web application to create, manage, and display marketing campaigns.
- Implemented dynamic forms, data validation using AJV, and integrated RESTful APIs for real-time updates.
- Designed a responsive UI with Material UI and optimized data fetching using Axios.

3. Padel Patch –Emergency Support Platform for Cyclists

JavaScript, HTML/CSS

- Designed and developed a web application that connects cyclists with nearby service providers (mechanics, medical help, or towing) during emergencies.
- Implemented real-time location using GPS and integrated Firebase for authentication, data storage and live updates.
- Focused on user-centred design for seamless interaction and quick response under stressful situations.