MONIKA BHALLA

London, ON | +1 519-358-5352 | monikabhalla1971508@gmail.com |
GitHub: My_Portfolio_MB [https://github.com/m-bhalla236346/My_Portfolio_MB.git]

HIGHLIGHTED SKILLS

- **Programming & Development:** Java, Kotlin, Swift, JavaScript, React Native, Android Studio, Xcode, HTML, CSS, Firebase, PWA, Mobile-First Approach.
- **UI/UX Design:** Proficient in wireframing, prototyping, and designing intuitive user interfaces with Figma and Adobe XD.
- **Frameworks & Libraries:** React, Node.js, Express.js, Redux, SDK, MapKit, UIKit, RESTful APIs, JSON handling, DOM Manipulation
- **Databases:** Firebase (Firestore, Realtime Database), MySQL, SQLite, database design, and optimization.
- **Tools:** Git, GitHub, Visual Studio Code, Figma, Adobe XD for version control, development, and UI design.
- **Debugging & Troubleshooting:** Unit Testing, Console Debugging, application performance optimization.
- **Responsive Web Design:** Cross-browser compatibility, mobile-first design, flexbox, grid
- **Web Performance:** Lazy loading, image optimization, page speed improvements
- **Collaboration:** Team projects like TravelSPhere App, Location Sharing App and FlowerMate App.
- **Soft Skills:** Problem-solving, process improvement, teamwork, client and stakeholder collaboration.
- **Languages:** Bilingual in English, Hindi, and Punjabi.

EDUCATION

Post-Graduate Diploma in Mobile Application Development

Fanshawe College, London, ON   05/2024 – Present

GPA: 4.13/4.2 (Dean's Honor Roll)

- Focused on mobile app development using **React Native**, **Android Studio**, **Xcode**, and **Firebase**.
- Gained hands-on experience with **SQLite**, **MySQL**, and cloud-based databases to optimize data management.
- Developed user-friendly, responsive mobile applications with a focus on performance.

Master of Computer Applications

Lovely Professional University, India   2014 – 2016

GPA: 8.74/9

- Enhanced software development skills in **Java**, **C++, PHP** and other languages and **database management** with **MySQL** and **SQLite**.
- Focused on scalable software design and efficient problem-solving.

Bachelor of Computer Applications

Lovely Professional University, India   2011 – 2014

- Developed core programming skills in **Java** and **C++ etc.**, with experience in **SQL** for data management.

PROFESSIONAL EXPERIENCE

Web Designer (Internship) (Full Time-Paid)   01/2016 – 05/2016

ZCC Groups, Chandigarh, India

- Designed responsive websites using **HTML, CSS**, and **JavaScript**, **PHP**, ensuring mobile optimization.
- Collaborated on user interface design, enhancing **UX** across multiple projects.

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Head of IT Department -Web Developer, (Full Time- Paid)   08/2017 – 04/2024

Lord Mahavira Jain Public School, Phagwara, Punjab, India

- Managed and designed the school's website, software and digital presence, improving engagement by 20%.
- Led the development of internal software applications and optimized the school database system, increasing operational efficiency by 15%.

VOLUNTEERING EXPERIENCE

Fanshawe Student Union Volunteer   09/2024 – Present

Fanshawe College, London, ON

- Organized events to promote student engagement, increasing attendance by 25%.
- Assisted with IT support during workshops and digitized event feedback.

SIGNATURE PROJECTS

TravelSphere App (Group Project - In Progress)

Technologies: React Native, Firebase, Google Maps API, OpenWeatherMap API

- Developing an app for searching, exploring, and saving travel destinations.
- Integrating Firebase for user authentication and data management.
- Utilizing Google Maps and OpenWeatherMap APIs for location and weather details.
- **GitHub**: https://github.com/Harpreet-kaur786/TravelSphere.git

Location Sharing & FlowerMate Android Applications (Group Project)

Technologies: Java, Android Studio, Google Maps API, RecyclerView

- Developed two Android applications: **Location Sharing** for real-time location tracking via **email/SMS** and **FlowerMate** for listing and displaying flower details, collaborated with a team of 3 developers.
- Integrated **Google Maps API** for real-time location sharing in **Location Sharing** app.
- Used **RecyclerView** to display flower details in **FlowerMate** app, ensuring a smooth and responsive user experience.

Recipe Finder Website (Individual Project)

Technologies: **HTML**, **CSS**, **JavaScript**, **Firebase**

- Built an app to suggest recipes based on ingredients.
- Integrated **Firebase** for real-time syncing and offline data storage.
- **GitHub**: https://github.com/m-bhalla236346/Recipe-Finder.git

Game Mechanics iOS App (Individual Project)

Technologies: **Swift**, **UIKit**

- Developed a Hangman-style game with an on-screen keyboard.
- Integrated dynamic game logic and implemented win/loss tracking.
- **GitHub**: https://github.com/m-bhalla236346/Game-Mechanics-iOS-App.git

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CERTIFICATIONS

- Certified Kubernetes Administrator (CKA)   2024
- Google UX Design Professional Certificate – Coursera   2024
- Google Analytics Certification   2023
- Microsoft Certified: Azure Fundamentals   2023