

# Gurpreet Singh

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## Summary

- Enthusiastic and results-driven Software Engineer with 2+ years of experience passionate about tackling real-world challenges.
- Developed Web and App Development, with a keen interest in decentralized networks.
- Committed to expanding skills and leveraging technology to drive impactful solutions and positive change.
- Proven ability to manage teams, solve complex problems, and innovate solutions that drive business growth.

## Technical Skills

- **Programming:** JavaScript, Java, Typescript
- **Frontend Development:** React JS, React Native, Next JS
- **Styling:** Material UI, React Native Elements, React Native Paper, AntDesign, Tailwind CSS
- **Backend:** Node JS, Express JS
- **Database:** MongoDB, PostgreSQL
- **Cloud:** Firebase, AWS
- **Other:** Stripe (Payment), Agora SDK, Zoom SDK

## Education

**Master's in Applied Computing (MAC)** 2024 – Present  
*University of Windsor*

**Bachelor's of Engineering in Computer Science & Engineering** 2018 – 2022  
*Chitkara University*

## Experience

**Lead Developer** Jan 2022 – Aug 2024  
*Red Dot Innovative*

- Spearheaded end-to-end development and maintenance of Android/iOS apps, ensuring pixel-perfect UI designs and optimal API integration for enhanced performance.
- Implemented functionalities such as audio/video SDKs, payment gateways, and background location tracking.
- Managed development teams as Team Lead, effectively assigning tasks and liaising with clients, while also fulfilling a brief stint as a Customer Success Manager in Singapore.

**Associate Software Engineer (Intern)** April 2021 – July 2021  
*MAQ Software*

- Analyzed business data and created Power BI reports to optimize decision-making.
- Enhanced data presentation using the Tabulator JavaScript library.

## Projects

- **Legate:** An ecommerce mobile application with an admin control panel. [Android IOS](#)  
 Role - Team Lead, Mobile developer, Customer Success Manager  
 Tech Stack - React Native, PHP  
 Highlights: *Created a multi profiles in one application for customer, sales and installer respectively*
- **Joompa:** A match making app [Android IOS](#)  
 Role- Team Lead, Mobile developer, Customer Success Manager  
 Tech Stack - React Native, Node JS, React JS, Agora SDK, Stripe SDK  
 Highlights: *Developed matchmaking algorithms, database designing, worked on some amazing animations, Integrated payment gateway and foreground/background voice/video calling functionality*
- **Cristofori:** Web admin and mobile app for managing music school activities [Android IOS](#)  
 Role - Mobile developer  
 Tech Stack - React Native, Angular JS, Node JS
- **August International:** Learning management system leveraging AR [Android IOS](#)  
 Role - Mobile developer  
 Tech Stack - React Native, Node JS, React JS, Zoom SDK, QR Scanner  
 Highlights: *Implemented on QR scanner and integrated AR.*
- **SGHired:** Application connecting security officers with agencies and managing jobs [Android IOS](#)  
 Role - Mobile Developer  
 Tech Stack - React Native, PHP  
 Highlights: *Developed Background Location Tracking functionality for security officers on job*
- **Sellswift:** SAAS software featuring an AI chatbot that helps small and medium-sized businesses provide customer support and manage bookings without a large tech team. [Android IOS](#)  
 Role - Mobile Developer,  
 Tech Stack - React Native, Node JS, React JS  
 Highlights: *Used recoil for offline storage and state management to improve app performance*
- **Bigfoot:** A custom Human Resource management system for bigfoot logistics to ease their day to day tasks like tracking users working hours and overtime, assigning shifts, managing leaves, payroll, etc. [Android IOS](#)  
 Role - Mobile Developer  
 Tech Stack - React Native, Angular JS  
 Highlights: *Developed an attendance marking system to work offline*
- **YouAdMe:** Social Media Application  
 Role - Mobile Developer  
 Tech Stack - React Native, Node JS
- **YelpCamp** (MongoDB, NodeJS) - A full-stack website project where users can create and review campgrounds.
- **Youtube Clone** (ReactJS, Redux) - [Github Website](#)
- **Pomodoro Clock** (ReactJS, Material UI) - A clock for to manage work rest period. [Github Website](#)
- **Snake Game** (Java) - [Github](#)