

Parmeet Singh Banga

Software Developer | Full Stack (MERN)

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Summary

Full Stack Software Developer with 3+ years of experience building web and mobile applications using JavaScript, React, React Native, and Node.js. Experienced in developing REST APIs, working with SQL and NoSQL databases, and deploying applications using AWS, Heroku, and Firebase. Hands-on experience implementing authentication, third-party integrations, OCR features, and performance optimization. Comfortable working in Agile teams and delivering reliable, user-focused solutions.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL
Frontend Technologies & Frameworks: ReactJS, NextJS, React Native, HTML, CSS
Backend Technologies & Frameworks: Node.js, Express.js, REST APIs
Database: MySQL, Oracle, Postgresql, MongoDB, Firebase Realtime Database, Supabase
Cloud & Deployment: AWS, Heroku, Firebase, CI/CD Pipelines
Authentication & Security: Firebase Authentication, Google Sign-In, Apple Sign-In, Role-Based Access Control, Data Security
Tools & Platforms: Git, Linux, Agile/Scrum, Third-Party API Integration
Other: OCR Integration, Performance Optimization, Debugging, System Monitoring

EXPERIENCE

BinSentry Technologies July 2024 – December 2025
Software Developer
Kitchener, CA

- Designed and developed full-stack web applications using JavaScript, React, and Node.js to support core product workflows.
- Built and maintained REST APIs to handle data flow between frontend interfaces and backend services.
- Implemented secure authentication and role-based access control with a focus on data protection and long-term maintainability.
- Optimized React components and backend logic to improve application performance and reliability.
- Worked across both UI and backend systems, taking product feedback and converting it into usable features.
- Collaborated with a small, fast-moving development team using Agile practices to deliver features efficiently.

Damacloid Technologies October 2021 – December 2022
Software Engineer
Mumbai, IN

- Developed full-stack MERN applications in a Linux environment with CI/CD pipelines using Git and AWS for reliable deployments.
- Worked in Agile teams with remote collaboration to improve delivery speed and reduce release timelines by around 30%.
- Designed, built, and optimized MySQL and Oracle databases with a focus on query performance and data security.
- Created dashboards for system monitoring and real-time data analysis to support operational visibility.

Sankey Solutions September 2020 – September 2021
Software Trainee
Mumbai, IN

- Built web and mobile applications using the MERN stack, including React Native and Node.js.
- Integrated third-party APIs by following documentation and deployed applications on AWS and Heroku.
- Improved application stability through testing and debugging, helping reduce reported issues by around 40%.
- Assisted with feature development and bug fixes while learning best practices in a production environment.

EDUCATION

Conestoga College, Ontario, Canada	January 2023 - April 2024
Post Graduate Diploma in Information Technology Business Analysis	
KC College of Engineering, Thane, India	August 2017 - October 2020
Bachelor of Engineering in Computer Engineering	
Vidyalankar Polytechnic, Mumbai, India	August 2014 - March 2017
Diploma in Computer Engineering	

PROJECTS

AutoLog- Smart Vehicle Manager

Developed a cross-platform mobile application for vehicle management using **React Native, Node.js, and REST APIs**. Enabled users to track fuel, maintenance, and expenses. Implemented **OCR-based receipt scanning**, backend data processing, and analytics dashboards for actionable insights. Integrated **Firebase Authentication** with **Google and Apple Sign-In** and used **Firebase Realtime Database** for live data syncing.

Technologies: React Native, Node.js, REST APIs, Firebase Authentication, Firebase Realtime Database, OCR, SQL/NoSQL, Cloud Services

ASK Studios

Founded and operated a freelance web development studio delivering full-stack web applications. Worked closely with clients to gather requirements, build responsive user interfaces, develop backend APIs, and deploy production-ready solutions.

Technologies: React, Node.js, Express, MongoDB, JavaScript, HTML, CSS, AWS/Heroku

BrieflyCA - News under a minute

Built a Canada-focused mobile news application using **React Native and Node.js**. Implemented API-based news aggregation, AI-powered content summarization, and category-based notifications. Designed a swipe-based interface optimized for performance and user engagement.

Technologies: React Native, Node.js, REST APIs, AI summarization, Push Notifications

Tambola Number Caller (Housie)

Built and published a mobile Bingo number caller application used by a large user base. Implemented game logic, sound controls, and UI enhancements. The app has achieved **600K+ downloads** across app stores and is actively maintained.

Technologies: React Native, JavaScript, Mobile UI, App Store Deployment