

Tushar Nana Patil

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Summary

Software Engineer with 2+ years of experience in React Native, React.js, and MERN stack development. Skilled in building scalable mobile and web applications, REST API integration, performance optimization, and complete Android and iOS deployment lifecycles. Experienced in leveraging AI tools to improve development efficiency and code quality.

Skills

Programming Languages: C, C++, JavaScript, TypeScript, Java, SQL

Frameworks & Libraries: React.js, React Native, Node.js, Express.js

Databases & Backend: MongoDB, Firebase, SQL, REST APIs

Tools & Platforms: Android Studio, Xcode, Git, GitHub, VS Code, React Native Debugger, Postman, Google Play Console, App Store Connect, Cursor AI

Work Experience

SpidronTech LLP, Pune, Maharashtra Nov 2023 – Dec 2025 *Associate Software Engineer*

- Designed scalable and reusable UI components, reducing development time by 25% and improving maintainability across React Native projects.
- Accelerated cross-platform mobile app development by 50% through optimized component architecture and clean coding practices.
- Integrated RESTful APIs and optimized backend logic using Node.js, Express.js, MongoDB, and SQL, improving application reliability by 40%.
- Managed complete Android and iOS deployment processes including APK/AAB generation, Play Store publishing, App Store Connect uploads, and TestFlight releases.
- Utilized AI tools such as Cursor AI and Agentic AI to automate workflows and improve debugging efficiency.
- Improved performance and code quality through profiling, optimization, and structured code reviews.

Projects

Sports Activity Social Networking Application (2024) *React Native, Firebase, PHP (Laravel)*

- Developed a sports and events social platform serving users aged 16–90.
- Increased user engagement by 30% through interactive UI and activity-based features.
- Integrated backend APIs to improve responsiveness and overall application performance.

Online Food Delivery Marketplace for Collectibles (2024) *React Native, Firebase*

- Built a high-performance e-commerce mobile application for selling collectibles.
- Improved platform reliability and performance by 35% through optimized workflows.
- Implemented secure multi-payment options and dynamic product management.

Calendar Web Application (2025) *React.js*

- Developed a business-focused calendar application to manage projects end-to-end.
- Integrated multiple calendar platforms into a unified system.
- Enhanced productivity and task tracking, improving user experience by 40%.

HRMS Mobile Application (2025) *React Native, Firebase*

- Built an HR automation platform for attendance, payroll, timesheets, and reporting.
- Reduced manual errors by 60% and increased attendance accuracy to 95%.

- Improved overall application efficiency by 30% through performance optimization.

Education

N.I.T.M.S College, Nagpur University

Aug 2020 – Jun 2023

Bachelor of Computer Applications (BCA) in Computer Science **CGPA: 7.10 / 10**

Relevant Coursework: Object-Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Advanced Data Structures, Project Planning and Management.

Training and Certifications

JSpiders & QSpiders – Software Development Training Institute, Pune

Completed Full Stack Development training with hands-on experience in modern web and mobile technologies, real-world projects, and collaborative software development practices.