

Sushant Kumar Tiwari

Bachelors of Technology
Computer Science Engineering
Indian Institute Of Information Technology Manipur

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EDUCATION

- **Indian Institute Of Information Technology Manipur** 2025
Gold Medalist B.Tech in Computer Science Engineering CGPA : 9.52
- **Army Public School Bikaner** 2020
Central Board Of Secondary Education Percentage: 94.4%

EXPERIENCE

- **Lagoon Works** January'25 - June'25
 - Engineered the mobile version of the company's web platform using React Native, actively collaborating with cross-functional teams to debug critical issues and implement new user-centric features.
 - Improved app performance by reducing load times by 30% and decreasing user-reported issues by 25% post-release through code optimizations and UI/UX refinements.
 - Tech Stack: React Native, JavaScript, Redux, REST APIs, Git, Figma (for UI collaboration)
- **Bytecraft Studios – Art Selling App** July'24 - September'24
 - **Developed** a scalable and reusable UI component library and style guide using React Native, streamlining visual design and promoting consistency across the mobile application.
 - **Standardized** the design system across all modules, resulting in **100% UI uniformity** and adoption of the guide as the **primary reference** for future development by the entire team.
 - **Tech Stack:** React Native, JavaScript, Figma, Git, VS Code

PERSONAL PROJECTS

- **Bytecraft Studios – Art Selling App [Demo Video](#)**
 - **Tools & technologies:** : React-Native, Expo, Figma
 - Contributed to the frontend development of Bytecraft Studios' art selling application, focusing on enhancing user experience and interface design.
 - Developed and implemented engaging interactions that improved user retention.
- **Learning Management System Fullstack App ([Project Link](#), [Demo Video](#))**
 - **Tools & Technologies:** React Native, Expo, TypeScript, GraphQL (Hygraph CMS), Clerk (Authentication), React Navigation, Custom UI Components
 - **Architected** and developed a cross-platform LMS mobile application using React Native and Expo, enabling users to browse, enroll in, and track progress across various online courses.
 - **Integrated** secure authentication with Clerk and implemented real-time data fetching through GraphQL APIs powered by Hygraph CMS, resulting in a 30% improvement in fetch time and enhanced user engagement.
- **Movies App ([Project Link](#), [Demo Video](#))**
 - **Tools & Technologies:** React Native, Expo, TypeScript, NativeWind (Tailwind CSS), React Context API, AsyncStorage, Appwrite (Backend), OMDb API, Expo Router, Custom UI Components.
 - **Developed** a cross-platform mobile application with real-time movie data integration from OMDb API, featuring search, browse, and save functionalities, resulting in a 40% faster content discovery experience.
 - **Implemented** advanced caching and state management with React Context API and AsyncStorage, achieving **offline data persistence** and a 25% improvement in app performance.
 - **Enhanced** search functionality with **debounce**, reducing redundant API calls by 50% and delivering a smoother, more responsive user experience.

TECHNICAL SKILLS AND INTERESTS

Languages: Kotlin, JavaScript, TypeScript, Python, C/C++, XML, HTML/CSS, LaTeX
Mobile App Development: React Native, Expo, Jetpack Compose, Android SDK, Node.js, XML Layouts
Frameworks & Libraries: React Navigation, Expo Router, Redux, NativeWind (Tailwind CSS), Lottie
Authentication & APIs: Clerk Auth, Firebase Auth, RESTful APIs, GraphQL, OAuth 2.0
Cloud & Databases: Firebase Realtime DB, SQLite, MySQL, Appwrite, Hygraph CMS
State Management & Storage: Redux, React Context API, AsyncStorage
Operating Systems: Unix/Linux, Windows
Developer Tools: Android Studio, Visual Studio Code, Git & GitHub, Postman, Figma, NPM
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management Systems, Software Engineering, Artificial Intelligence, Computer Networks, Compiler Design