

# Avantika Garg

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## Profile

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Mobile app developer with 1.5 years of experience specializing in React Native and TypeScript. Proven ability to deliver high-performance applications with seamless API integration and robust backend support using Node.js and SQL.

## Skills

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- **Front-End Development:** React, React Native, JavaScript, TypeScript, React Navigation, UI/UX Design, State Management (MobX), Third-party Integrations
- **Back- End Development:** Node.js, Express, REST API
- **Databases:** SQL, SQLite (React Native SQLite), Microsoft SQL Server Management Studio
- **Tools & Platforms:** Git, GitHub, Visual Studio Code, Postman, Expo, Figma

## Career Achievements

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- **Earned client commendations** for delivering the Attendance App, increasing user satisfaction by 25%.
- **Led multiple cross-functional projects**, including the redesign of the Attendance App (improving user adoption by 30%), development of the SAF Pharmaceutical App and ANTS App, ensuring on-time delivery and high-quality outcomes.
- **Trained and mentored 5+ new interns**, improving their productivity by 40% within the first 3 months of on boarding.
- **Consistently exceeded client expectations** by delivering innovative solutions, reducing project timelines by up to 15%.

## Experience

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### Mobile App Developer

May 2023 – Present

ATLANTIS INTELLIGENCE LTD | Noida, Uttar Pradesh

- Rebuilt the Attendance App from scratch using React Native, delivering a modern user experience in Figma, increasing user adoption by 30%.
- Developed a responsive front end with React Native, integrated APIs using MobX State Tree for seamless state management, improving team attendance tracking efficiency by 30%.
- Spearheading the front-end and backend development of the SAF Pharmaceutical App, designing a user-centric interface in Figma and integrating robust front-end and back-end architectures with React Native, Node.js, and SQL, improving data handling efficiency by 25%.
- Optimized SQL database queries, reducing response times by 20%.
- Leading the development of the ANTS App. Crafted app interfaces in Figma, prioritizing seamless navigation and user engagement. Innovated an optimized React Native front-end, reducing load times by 25% and enhancing user experience through local storage solutions.

## Projects

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### ANTS (Advanced Network Test Solutions) (In Progress):

- Programmed a user-responsive front end in React Native, refined for Android and iOS, reducing load times by 20%.
- Executed feature-rich modules like TI, Survey, Drive Test, and Audit, increasing operational efficiency by 30%.
- Integrated OpenStreetMap, enabling precise geolocation and real-time visualization, boosting mapping accuracy by 40%.
- SQLite DB was used for local storage in the app, ensuring 100% offline functionality. Upon detecting an active internet connection, data is sent via API to the SQL database for synchronization.

### SAF Pharmaceutical App (In Progress):

- Designed 20+ app screens in Figma, reducing on boarding time by 30%.
- Created the front end using React Native and TypeScript, improving responsiveness and achieving a 25% reduction in app load times.
- Built a robust backend API with Node.js and Express, merged with an enhanced SQL database, improving query efficiency by 35%. Utilized MobX State Tree for efficient state management and data consistency across modules.
- Created and deployed multiple functional modules, including HRMS, Tour Plan, Doctor Visits, Chemist Visits, and DCR, improving operational efficiency by 40%.

### Attendance App Redesign (Completed April 2024):

- Redesigned the Attendance App. Engineered the user interface leveraging React Native, achieving a 25% faster load time and 100% cross-platform compatibility.
- Blended APIs with MobX State Tree for state management, reducing data synchronization issues by 40% and ensuring real-time updates across the app.
- Architected and deployed key screens, including Infra, Mark Attendance, History, Regularization, improving task completion efficiency by 25%.
- Implemented validation to ensure attendance could not be marked without infrastructure details, reducing errors by 30%.
- Successfully completed and delivered the project on time in April 2024, earning client recognition for design excellence and contributing to a 30% improvement in user engagement.

## Education

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**Master of Computer Applications (MCA) with Honors, 8.5 CGPA**  
Sharda University

Greater Noida, India  
Aug 2021 – May 2023

**Bachelor of Computer Applications (BCA), 8.0 CGPA**  
GGDSD College, Panjab University

Chandigarh, India  
Aug 2017 – Mar 2020