

# Avantika Garg

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## Profile

Innovative software developer with 1+ year of experience specializing in mobile app development using React Native and TypeScript. Proven ability to design and implement responsive and user-friendly applications, resulting in enhanced user adoption and satisfaction.

## Skills

- **Programming Languages & Frameworks:** React, React Native, JavaScript, TypeScript
- **Backend Technologies:** Node.js, Express, SQL, REST API
- **Tools & Platforms:** Git, Github, Visual Studio Code, Postman, Expo, Figma, Microsoft SQL Server Management Studio
- **Other Skills:** State Management (MobX), UI/UX Design

## Career Achievements

- **Received client commendations** for delivering of the Attendance App, increasing user satisfaction by 25%.
- **Promoted to Senior Developer** within 1 year and consistent excellence in project execution.
- **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 trainees**, 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

### Mobile App Developer

1 May 2023 – Present

ATLANTIS INTELLIGENCE LTD (Formerly LinkQuest Technologies 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%.
- Leading the 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%.
- Implemented advanced database management solutions with SQL, improving query efficiency and reducing response times by 20%.
- Heading 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%.
- Used MySQL for local storage, ensuring 100% offline functionality and seamless data synchronization upon reconnection.

### SAF Pharmaceutical App (in Progress):

- Designed the app interface in Figma, creating 20+ screens with a focus on user-centric navigation, reducing onboarding 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 deploy key screens, including Infra, Mark Attendance, History, Regularization, improving task completion efficiency by 25%.
- Enforced functionality to ensure attendance could not be marked without infrastructure details, improving data accuracy and 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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### SHARDA University

Master of Computer Applications (MCA), 8.5 CGPA

Greater Noida, India  
Aug. 2021 – May 2023

### GGDSD College, Punjab University

Bachelor of Computer Applications (BCA), 8.0 CGPA

Chandigarh, India  
Aug 2017 – Mar 2020