

TANUJ KUMAR ROY

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WORK EXPERIENCE (~3.6 YEAR)

Vareli Techsoft Pvt. Ltd.

Oct 2021 – Till Now

Android Developer

- Fixed many major problems like rendering spin wheel ui by performing a cron job every 4 hours to download the bitmaps.
- Established the culture of Unit Testing in the company and took leadership in the same.
- Work also in Geofencing, location manager.

MicroBase Infotech Private Limited

Dec 2020 – Sep 2021

Android Developer & Intern

- Worked on improving and refactoring the codebase.
- Adopted MVC in the codebase.

PROJECTS

V-COMMUTE [PLAYSTORE](#)

- Managed everything from top to bottom and lead a team of 8 [App, Web, Backend, Data, ML, Product, Content, Design].
- Took challenging decisions for Android App, Database Design, Data Analytics, UX, Backwards Compatibility.
- How cancellation in coroutines is hard, bare threads vs fancy libraries, My own live data, Manual handling of config changes, Synchronization, Visibility, Instruction reordering, AsyncTasks are not that bad, MVC has major set backs.

V-Asset [PLAYSTORE](#)

- Developed an Android application for Asset Management, prioritizing security with JWT-Auth based user authentication. Incorporated barcode and QR code scanning functionality to streamline asset identification. Established a database-driven system for retrieving detailed asset information post-scanning. Implemented a user- friendly interface for efficient navigation and asset allocation. Enabled real-time updates to keep asset allocation records accurate and up-to-date.

VINTEGRATE [PLAYSTORE](#)

- The most important asset for any business is information. Enterprises need to analyse large quantities of data to make informed decisions, identify trends and forecast outcomes. The ERP is an end-to-end Sales to Service software solution focussing on the usability of large volumes of data, across different modules.

SERA BANGLA

- Featuring “the fastest in delivery food,” the Sera Bangla delivery app is providing users far beyond that. With a flood of positive reviews, likes, and sharing, this app is standing out from the crowd as a big hit recently.
- Never underestimate the power of a stylish visual interface, informative layout, and smooth order tracking. Quickly click through the menu, order, and pay, then your delivery is ready to go. Delicious Indian and Chinese foods are at your fingertips.

Fuel Solution [PLAYSTORE](#)

- Fuel Solution is a streamlined app for tracking fuel consumption and mileage. It offers an easy login with OTP-based authentication via mobile number, automatically detecting the OTP from SMS. After logging in, users can scan a QR code to access a page where they can enter the fuel quantity during refueling. The app focuses on efficient fuel recording and includes multilingual support for broader accessibility.

SUNETRA [PLAYSTORE](#)

- The objective of the project is to provide a mobile platform for Sunetra Family Eye Care Centre, offering a range of Ophthalmic services. The app enables patients with eye disorders to access EyeTests and book appointments with Ophthalmology Doctors online. The app also provides features such as setting reminders, uploading prescriptions, and accessing news and events, including video links, for educational purposes.

PROFESSIONAL SKILLS

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|---------------------------|--|
| • Technical Skills | Java, XML, REST API integration, SQLite, Third Party API Integration |
| • IDEs/Software | Android Studio, Git, Google Cloud Console, Android SDK |
| • Soft Skills | Communication, Organization, Teamwork |
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EDUCATION

Vidyasagar University, M.C.A

2016 - 2019