

Anshul Lanjewar

Result-oriented Software Developer with a passion for building efficient software solutions. Possesses strong skills in Java, C++, and other programming languages, along with experience in automation tools and software development methodologies. Proven ability to collaborate effectively and independently to deliver projects.

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EDUCATION

BHILAI INSTITUTE OF TECHNOLOGY

August 2019 - August 2023

Electrical and Electronics Engineering B.Tech Durg CGPA: 8.23

EXPERIENCE

LEUMAS | Software Developer

Bangalore, India | September 2023 – Present

- Working with the **R&D** team to **design, develop, and maintain** software components for robotic systems.
- Developed an Android application from scratch to **automate** and monitor the entire robotic system. This app facilitates features like selection of processes and dynamic creation of Standard Operating Procedures (SOPs) for products via **BLE communication**.
- Improved robotic **position and movement efficiency by 15%** and increased **60% accuracy** in weight measurement system by implementing different optimization algorithms and libraries.
- Collaborated closely with hardware engineers to conduct system-level testing and **integrated algorithms**, troubleshoot issues, and resolve errors to meet project goals.
- **Tech stacks – Android, Kotlin, C++, SQL, Firebase, Multithreading.**

SKILLS

Programming Languages	Java, C++, Kotlin, XML
IT Constructs	Data Structures and Algorithms, OOPs, SQL
Tools / Platforms	Android studio, GitHub, IntelliJ IDEA, Visual Studio Code, Unreal-Engine, Creo
Design Pattern & APIs	MVVM, MVP, Clean Architecture, Firebase, Room, Retrofit, GSON

PROJECTS

GUIDED | Link

Android, Java, Firebase

- Developed a **guidance app** for Android using **Java and Firebase** that enables users to find guidance from qualified individuals, post content, and **connect with other users**.
- Designed and implemented all key features, including search, **user authentication**, feed and posting functionality, **payment integration**, chatting, **video conference**, reviews like, and comments.

SUNSHINE | Link

Android, Java

- Developed a weather forecast app as part of the Udacity Developing Android Apps course. The app uses the **OpenWeatherMap API** to display weather forecast data for a **user-specified location**.
- Features include a customizable **home screen widget**, daily weather **notifications**, and the ability to view weather details for multiple locations.
- Java, Android SDK, Android Studio, XML, SQLite, JSON, **REST API integration**, user interface design, data storage, mobile app development best practices

WORKS & AWARDS

- National Finalist, Herocolabs Game Development Challenge (2022).
- Published Paper, Envisioning the Future by Encountering Cables and Adopting Wireless, i-Manager (2023).
- 8th Rank, Metaverse – A new IT revolution, Epsilon Review paper (2022).
- Conducted Create-a-thon for AI-based filters, SPARK-AR and Student Association (2022).
- Reached 3 Rounds, SOLVEATHON, India.unisolve.org (2023).