

SURYAKIRAN VALAVALA

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EDUCATION

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

Master of Science in Computer Science and Engineering — **GPA: 4.0/4.0**

Sep 2024 - Mar 2026

Santa Cruz, CA

GITAM UNIVERSITY

Bachelor of Technology in Computer Science and Engineering — **CGPA: 3.98/4.0**

Aug 2020 - Apr 2024

Hyderabad, IND

TECHNICAL SKILLS

Languages: Java, Kotlin, C++, Python, SQL, JavaScript

Mobile Development: Android SDK, React Native, Room, Retrofit, MVVM, Jetpack Compose

Testing: JUnit, Espresso, UI Automator, TDD, BDD, Mockito

Developer Tools: Git, Github, Android Studio, CI/CD, Jenkins, Postman

Core Concepts: Data Structures & Algorithms, OOP, SOLID, Clean Architecture, Agile/Scrum

EXPERIENCE

Software Developer Intern

Phoenix Global

Apr 2023 - Jun 2023

Hyderabad, India

- Built Android features for fitness tracking app using **Kotlin and MVVM architecture**, resulting in **15% higher** user engagement and **22%** improved user retention
- Implemented **comprehensive testing strategy** with JUnit and Espresso, reducing post-launch bugs by **10%** and ensuring code quality
- Collaborated in an **Agile team environment** to deliver features **2 weeks ahead** of schedule, participating in daily standups

Full-stack Developer Intern

CodeClause

Jul 2023 - Sep 2023

Remote

- Engineered React Native application with responsive UI optimizations, reducing screen load times by **20%** for **1,000+ daily users**
- Developed **12+ reusable UI components** and implemented **unit testing** for critical features, increasing code maintainability
- Created RESTful API integrations for real-time activity tracking and social features, delivering **40% increase** in user engagement

PROJECTS

FitTrack (Android Fitness Application) — [GitHub](#)

- Developed Android fitness app using **Kotlin** and **Java** with MVVM architecture and Jetpack components
- Implemented real-time activity tracking with data visualization supporting **500+ concurrent users**
- Created comprehensive test suite with **JUnit and Espresso**, achieving **90%+ code coverage**
- Tech Stack: Kotlin, Java, Room, Retrofit, MVVM, Material Design, JUnit, Espresso*

LearnNexus (Ed-Tech Mobile Platform) — [Live](#)

- Built cross-platform mobile application with **responsive design** supporting **1,000+ concurrent users**
- Created clean, maintainable codebase with **well-tested components** following SOLID principles
- Implemented offline capability and progress tracking features for improved user experience

AWARDS & ACHIEVEMENTS

- Android Development Hackathon Winner** - Created innovative fitness tracking solution with gamification elements using Kotlin and Java
- Merit Scholarship Recipient** - Maintained top 1% academic standing in CSE department throughout undergraduate studies
- Star Intern Award** - Recognized for delivering high-quality, well-tested mobile applications and effective teamwork
- CodeCraft Mobile Challenge Winner** - Built performance-optimized Android app with clean architecture principles