

EDUCATION

Vellore Institute of Technology

Bhopal, India

Bachelor of Technology

August 2022 - Present

ODM Public School

Odisha, India

12th Standard; Percentage: 90%

July 2020 - June 2022

Stewart School

Odisha, India

10th Standard; Percentage: 94%

July 2020

SKILLS SUMMARY

- **Languages:** Kotlin, JAVA, XML, Python, C++, Html, CSS
- **Concepts:** Data Structures, Algorithms, LLM, OOPs, Core Java, Computer Fundamentals, Coroutines and Flows
- **Frameworks:** Android SDK, Jetpack Compose, PyTorch, Dagger-Hilt,
- **Tools:** Firebase, Room database, Tensorflow, Excel
- **Platforms:** Android Studio, Visual Studio Code, Jupyter Notebook, Pytorch, GIT
- **Soft Skills:** Rapport Building, People Management, Excellent communication

WORK EXPERIENCE

TECHNICAL TEAM CO-LEAD | E-Cell VIT Bhopal | [LINK](#)

January 24- Present

- Led the development and maintenance of 5+ web and mobile-based solutions to streamline club operations and event management, improving user engagement and experience
- Automated manual registration and entry processes using a custom-built scanner app, reducing check-in time by 40% during major events.
- Collaborated with 4+ cross-functional teams including design, content, and logistics to deliver tech-driven solutions aligned with organizational goals.
- Spearheaded a mentorship for junior developers, resulting in a 50% faster onboarding time and improved code quality as demonstrated by a 30% reduction in bugs reported.

PROJECTS

Mental Health Tracker | Kotlin & Firebase Mobile App | [LINK](#)

- Spearheaded development of Mental Health Tracker Android app using Kotlin and XML, implementing dual Firebase database architecture with 100% offline functionality
- Built MVVM architecture using Coroutines and LiveData, improving app performance by 40% and enabling real-time sync.
- Created analytics dashboard using MPAndroidChart, delivering actionable insights with 85% positive user feedback

SEVAH | ALL in ONE Healthcare App | [LINK](#)

- Developed SEVAH, an all-in-one healthcare Android app enhancing healthcare access through various integrated service features.
- Implemented Google Maps API to show 100% of nearby hospitals within 5 km, enhancing user location awareness during emergencies.
- Built a real-time SOS button sending emergency SMS with live GPS and auto-calling emergency contacts, cutting response time by 60%.

Scrollana | Dooming the Doom Scrolling | [LINK](#)

- Pioneered a digital wellness app tracking user scroll distance with real-time, relatable metrics (e.g., "2 humans tall")
- Designed in-app nudges that cut uninterrupted scrolling by 35% during user testing.
- Prioritized mindful usage over app blocking, with 70% positive user feedback in surveys.

EXTRACURRICULAR

Smart India Hackathon (SIH) 2024 – Internal Round Qualifier | KrishiNidan – AI for Agriculture & Livestock

- Secured selection in the internal rounds of SIH 2024 with Team Pratyaksha, presenting KrishiNidan — an AI-powered mobile and web platform for diagnosing crop and livestock diseases.
- Engineered a robust solution tailored for the Ministry of Fisheries, Animal Husbandry, and Dairying, integrating image-based, text-based, and SMS-based diagnostic tools to ensure accessibility for all farmers.

Summer of Codefest'25 | GSoC Club |

- Competed in Summer of Codefest'25 among 100+ teams, securing 2nd place and advancing to the finals.
- Delivered a functional prototype during a 2-day hackathon, collaborating effectively within Team SageTech.
- Presented innovative ideas at the Ideathon in a high-impact student innovation event.