

Lavanbarath B

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Education

Vellore Institute of Technology

July 2024 - est. July 2028

B.Tech Computer Science Engineering with Data Science

Vellore, Tamilnadu

- GPA: 8.69/10.0
- MIDAS Freshers Civil Hackathon - Runner Up in computing the effective parameters in construction with python and industry standard APIs.
- Joined one of the first technical clubs of my university VinnovateIT and built MessIT.
- Relevant Coursework: Data Structures & Algorithms, Web Programming, Computer Networks, Database Systems.

Relevant Experience

VinnovateIT Club

Dec. 2024 - Present

Projects Head

VIT, Vellore

- Led development of **MessIT**, a mess menu app used by *35k+ users with 75k+ downloads* across Android and iOS platforms built with Flutter. Implemented favorites system, widgets, and push notifications using Firebase Cloud Messaging and Firebase Analytics.
- Built and maintained web infrastructure for university hackathons and events (VinHack, B Cube) with Next.js and MongoDB.
- Coordinated development tasks across student contributors and managed deployment and maintenance of student-facing platforms. [GitHub PRs](#)

Projects

retop - VTOP Portal Revamp

- Designed and developed a modernized interface for the university portal to improve usability and navigation speed.
- Built using React NEXT.js with focus on clean UI and faster workflows compared to the legacy interface soon planning distribution as a browser extension to allow students to access the improved UI over the existing portal.

Online Corner - The Blackboard for School

- Built a lightweight student information mobile app used by all 80 students of my class.
- Built using Java on Android Studio during my 9th grade and was functional for 2 years during lockdown.
- Delivered dynamic content leveraging Google Docs web embed pages to allow rapid information updates, from timetables, announcements to classworks and books.
- Integrated OneSignal push notifications and Firebase analytics for engagement tracking.

Technical Skills & Interests

Languages: C/C++, Java, Python, Web, Typescript, MySQL, Dart, Kotlin, bash

Technologies: Git & GitHub, Flutter, Docker, Node.js, Next.js, MongoDB, VS Code, Android Studio, Firebase Console

Interests: Ex-YouTuber, Distro Hopper, Minecraft, Finance, Android ROMs, Music, Tech Enthusiast