VARDHINI V

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SUMMARY

Detail-oriented and innovative Android Developer with a strong foundation in mobile application development, specializing in Flutter and Firebase. Proven track record of delivering user-centric applications and enhancing user engagement through effective UI/UX design. Adept at leveraging emerging technologies, including AI and cloud services, to create impactful solutions. Committed to continuous learning and professional growth in the tech industry.

EDUCATION

Rajalakshmi Engineering College, Chennai   **Graduation – April 2026**
B.Tech in Computer Science and Business Systems
Minor specialization in Financial Technology & Entrepreneurship Development.
CGPA : 8.46
Relevant Coursework : Operating Systems, Object-Oriented Programming, Database Management, Networks, Data Structures , Software Engineering , Business Information Systems, Fintech, Cybersecurity in payments, Entrepreneurship

SKILLS

- **Languages:** Java (primary), Python, Dart
- **Mobile Development**: Flutter (Android)
- **Databases & Cloud:** Firebase (Auth, Firestore, Realtime DB), SQL
- **Tools:** GitHub, Figma, Power BI, Excel
- **Emerging Tech:** Generative AI (Gemini API, ChatGPT), AWS (Cloud Practitioner – in progress)
- **Other:** UI/UX design, REST APIs, Data Analysis, Replit, Cursor

PROJECTS

Thozha – Women's Safety App: [GitHub](#)
Flutter, Firebase, Google Maps API, Sentiment Analysis
- Led core development for a real-time safety app; integrated Google Maps and Firebase Auth/DB.
- Redesigned 40% of UI; improved usability and response time. Selected for SIH 2024.

TravelEase – Accessible Travel App [GitHub](#)
Flutter, Firebase, Google Maps API, Design Thinking
- Built end-to-end app for physically challenged users with 15+ inclusive features.
- Integrated Firebase services; praised for accessibility and user-friendliness. Best Software Project.

EduCompass – College Guidance Platform [GitHub](#)
Flutter, Firebase
- Developed a college-matching app for 12th-grade students with real-time data filtering.
- Achieved ~85% recommendation accuracy in pilot testing.

WORK EXPERIENCE

Artificial Intelligence Intern, Codsoft *(10 Mar 2025 –10 Apr 2025)*
- Developed three AI applications using Python, including a rule-based chatbot, Minimax-based Tic-Tac-Toe AI, and a hybrid recommendation system.
- Achieved a 92% accuracy rate for the chatbot and 82% recommendation relevance through the application of NLP and collaborative filtering techniques.

Data Science Intern, Learnflu *(20 Aug 2024 –20 Dec 2024)*
- Created a Python-based chatbot aimed at improving interactive user engagement during learning sessions.
- Conducted linear data analysis to derive insights from multiple datasets, enhancing decision-making processes.

ACHIEVEMENTS

- **Best Software Project among 110 teams in Design Thinking Contest 2025. [TravelEase]**
- **Top 25** in **Happy Fox Hackathon 2025** among **100+ teams**. **[Acadex]**
- **Top 50** in **Internal SIH Hackathon 2024** out of **800+ submissions**. **[Thozha]**
- **Best Track Prize (Women's Safety)** at **Hack'Z 24** by **Temenos**. **[Nimir]**

LEADERSHIP & VOLUNTEERING

- **Student Organizer, Mystic South – CII Summit'25 (02/2025):** Managed social media and event organization for the summit.
- **Student Volunteer, Umagine TN'25 (01/2025)**: Assisted ITNT Hub in event coordination.
- **Secretary, IEEE TEMS REC (2024 - Present)**: Organized technical events to enhance student engagement.
- **Organizer, IEEE Breadths REC (2024)**: Led an inter-college symposium and hosted the Shark Tank event.