VENKATBALAJI M

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EDUCATION

Chennai Institute of Technology   2022 – 2026
B.E Computer Science & Engineering   **CGPA: 8.83**

Swamy Vivekanandha School   2019 – 2022
SSLC and HSC Studies   **10th Score: 98.6% | 12th Score: 94.7%**

EXPERIENCE

DNYX – Flutter Developer Intern   Sep 2024 – Present
- Designed over **30 custom widgets** in Flutter, leading to a **20% reduction** in project timelines.
- Improve collaboration by **30%** with real-time communication using **Firebase Real-time Database**.
- Integrated local task storage with a **Table Calendar** in Flutter, improving task management efficiency by **50%**.

TechnoHacks EduTech – Java Developer Intern   Dec 2023 – Jan 2024
- Developed, debugged, and tested **50+ Java programs**, improving system reliability and performance.
- Built Java applications with **Swing for GUIs** and integrated databases using **JDBC**, improving data access by **20%**.
- Refactored **1000+ lines** of Java code, decreasing memory usage by **25%** and improving load times.

Cisco NetAcad – Cybersecurity Intern   May 2023 – Aug 2023
- Applied security protocols that reduced potential breaches by **50%**.
- Created reports on **security threats** and vulnerabilities, improving security by **30%**.
- Monitored and analyzed network traffic, identifying risks and strengthening system defenses by **25%**.

PROJECTS

AgroConnect – Funded by LaTrobe University   Aug 2024 – Present
- An **e-commerce platform** that connects customers directly with farmers, **eliminating middlemen** and reducing prices.
- Implemented **geolocation** for local offers and price drop alerts, improving customer convenience by **50%**.
- Streamlined order flow, direct calls to farmers, and weekly scheduled deliveries boost repeat orders by **30%**.

CIT Hostel Gate-pass System – Guided by CIT College   Nov 2023 – Feb 2024
- Streamlined the gate-pass approval process, benefiting over **3,000 hostel students** by reducing approval times by **50%**.
- Designed a real-time dashboard for **10 hostel wardens** to monitor check-outs and check-ins of hostel students.
- Automated student verification, reducing manual entry errors by **40%** and improving data accuracy.

QR Hub – All in One QR Scanner & Generator App   May 2023 – July 2023
- Developed QR code scanning and generation features, increasing user engagement by **30%**.
- Integrated support for **9 QR code formats**, expanding application functionality for diverse use cases.
- Reduced scan processing time by **40%**, improving overall application responsiveness.

COMPETITIVE PROGRAMMING

LeetCode: Max rating: **1575** | Solved problems: **750+** | Top **36%** globally | Badges: **5** | Highest rank: **2958**.
CodeChef: Max rating: **1435** | Solved problems: **300+** | Position: **2 star** | Highest rank: **1022** in contest division 4.
Codeforces: Max rating: **975** | Position: **Newbie** | Highest rank: **15176** in round **950** division 3.

TECHNICAL SKILLS

Python	Flutter	HTML	Express.js	Figma
Java	Firebase	CSS	MongoDB	Canva
C	Kotlin	JavaScript	MySQL	VS Code
DSA	Git	React.js	SQLite	Swing GUI
OOPS	GitHub	Node.js	Linux	Networking

COURSES

- Flutter and Dart Course in Udemy
- Web Development Bootcamp in Udemy
- Cisco CCNA Introduction to Networks
- NPTEL Blockchain and its Applications
- NPTEL Introduction to Internet of Things

ACHIEVEMENTS

JEE Main Exam – Achieved an **NTA score of 85.56** in the Joint Entrance Examination.   June 2022
JLPT N5 Certified – Obtained **N5** certification in the Japanese Language Proficiency Test.   July 2024
Encryptcon Hackathon – Successfully qualified for the highly competitive **Second Round** with my team.   Jan 2024

VOLUNTEERING

Mentored junior students in **Flutter Development**, helping them gain hands-on experience in building simple apps.   Sep 2024
Organized a successful event at the **Hackerz Symposium**, coordinating activities and managing participants.   Aug 2023