

VISHRUTH M DONIPARTHI

Bengaluru, Karnataka, India

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Education

R.V College Of Engineering

Bachelor of Engineering (B.E.) in Information Science — CGPA: 9.48/10

Oct 2023 – Sept 2027

Bengaluru, India

About Me

- Strong problem-solving skills with a focus on algorithms and efficiency; active in competitive programming.
- Quick to learn and adapt to new tech stacks—comfortable working across AI, web dev, and backend systems.
- Have experience in coordinating and organizing events for Coding Club, RVCE.

Competitive Programming

- Passionate about competitive programming, consistently solving problems and improving algorithmic skills across platforms like Codeforces, LeetCode, CSES, and CodeChef
- Active participant in contests, with a focus on mastering algorithms, data structures, and problem-solving techniques
- **Codeforces** : Pupil
- **LeetCode** : 1800+ rating
- **CodeChef** : 3-star

Projects

Ticketing Management Software | *React, Node.js, Postgres, Express, Prisma* | [GitHub](#)

- Developed a ticketing management system for college faculty to streamline issue tracking and resolution processes
- Implemented role-based access control to ensure secure ticket submission, assignment, and status tracking for faculty and administrators
- Focused on enhancing user experience with intuitive UI/UX and seamless integration into college workflows
- **Deployed college-wide**, with faculty actively using the platform for issue resolution and resource management

Voice Enabled Vibe Coding Agent | *Python, OpenAI API, Command-Line Tool, Langchain, Langgraph, pyaudio* | [GitHub](#)

- Developed an AI-powered terminal agent that generates and edits full-stack code based on natural language voice inputs
- Leveraged OpenAI's API to enable seamless interaction for generating and modifying multiple files across different languages and frameworks
- Used Langchain, Langgraph and MongoDB for checkpointing

YouTube Filter Extension | *JavaScript, DOM, YouTube API, Chrome Extensions* | [GitHub](#)

- Developed a browser extension that filters YouTube videos based on customizable tags and user preferences
- Implemented a search box in the extension popup, allowing users to input any tag, enhancing flexibility and personalization
- Added whitelist functionality to ensure videos from selected channels are always visible, regardless of selected filters
- Optimized user experience by ensuring compatibility with YouTube Shorts and integrating seamless tag-based filtering

Hackathons & Competitions & Other Involvements

CodeQuest – RVCE

Placed 1st in an offline competitive programming contest sponsored by Dell; won prize money and Dell goodies

May, 2025

DSA Hackathon – PhaseShift, BMSCE

Placed in the top 10 among 100+ teams from colleges across Karnataka

Dec, 2024

Event Organization

- Organized **Friday Night Coding Contests**, creating original questions and test cases to ensure fairness and prevent cheating among 100+ participants
- Led **RVGeeks 2.0**, successfully organized a coding and quiz event for over 300 class 12 students, overseeing all aspects from planning to execution

Skills

Programming Languages and Frameworks

C++, C, Python, JavaScript/TypeScript, HTML/CSS, Langchain, Langgraph, NextJs, prisma

Technical Skills

Data Structures & Algorithms, GenAI, fullstack development

Developer Tools

VS Code, Git, GitHub,

Languages & Interests

Languages

English (Fluent), Japanese (semi - fluent) Hindi (Fluent), Kannada (Fluent), Telugu (Fluent)

Personal Interests

Enjoy food with friends, Football, Watching Anime, Reading Manga