

Yashwanth S

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Summary

Second-year CS student specializing in AI-integrated full-stack development. Proficient in rapid prototyping using modern AI tools (Cursor, Claude, DeepSeek) with a portfolio of 4+ projects, including an AI Chrome extension. Seeking internship opportunities to apply technical skills in a professional environment.

Education

Rajalakshmi Engineering College

Sept 2024 – May 2028

B.E. in Computer Science

- CGPA: 8.41/10.0
- **Coursework:** Data Structures & Algorithms, Database Management Systems, OOPs, Python, Java, C, Data Science

Technical Skills

AI & Emerging Tech: ChatGPT, Claude, Cursor, Cline, Gemini, Lovable — DeepSeek API, OpenAI API — Prompt Engineering — Nano Banana, Seedream 4 (Image) — Veo 3 (Video) — Stitch by Google

Languages: C, HTML, CSS, Python, Java, JavaScript

Web Technologies: Node.js, Vite, Chrome Extensions (Manifest V3), REST APIs

Databases & Tools: MySQL, MongoDB — Git, GitHub, VS Code, Postman, Docker, Google Cloud

Data Science: NumPy, Pandas, Matplotlib, Scikit-learn

Projects

AI YouTube Summarizer Chrome Extension

Feb 2025

github.com/YashwanthDevelops/AI-Youtube-Summarizer [↗](#)

- Developed Chrome extension generating AI-powered video summaries using DeepSeek API and YouTube Transcript API
- Implemented hover-based auto-summary popup with 2-second load time and smart caching system
- Optimized performance by reducing redundant API calls by 40-60% through intelligent caching
- **Tools:** JavaScript (Vanilla), Chrome Extensions API (Manifest V3), DeepSeek API, HTML, CSS

Hostel Management System

Sept 2025

github.com/YashwanthDevelops/Hostel-Management-System [↗](#)

- Built full-stack web application for hostel room booking, student-roommate pairing, and fee management
- Developed intelligent roommate pairing algorithm analyzing sleep schedules and preferences for optimal matching
- Reduced manual allocation workload for hostel staff by 60% through automated workflows
- **Tools:** Java (Backend), Vite, JavaScript, HTML, CSS (Frontend), MySQL (Database)

Random Quote Generator

Mar 2025

github.com/YashwanthDevelops/Random-Quote-Generator [↗](#)

- Designed responsive web app with Twitter-style UI fetching quotes via Quotable API in 300ms average response time
- Implemented clean, lightweight architecture ensuring instant loading on any device
- **Tools:** HTML, CSS, JavaScript, Quotable API

Experience

Freelance Web Developer

2024 – Present

Self-Employed

- Developed custom websites for local businesses and clients using modern web technologies
- Leveraged AI tools (ChatGPT, Claude, Cursor) for rapid prototyping and efficient development workflows
- Delivered responsive, user-friendly solutions tailored to client requirements

Certifications

- **Programming for Everybody: Getting Started with Python** – Coursera — [Certificate](#) [↗](#)
- **Python Data Structures** – Coursera — [Certificate](#) [↗](#)