

# 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](https://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](https://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](https://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](#) ↗