

Yuvraj Singh

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Personal Summary

Computer Science student at Siddaganga Institute of Technology (6th Sem, CGPA: 8.1). Strong in data structures, OOP, DBMS, and OS. Passionate about full-stack web development with hands-on experience.

Education

Siddaganga Institute of Technology – B.E. in Computer Science
St. Joseph's High School (CBSE) – Class 10
DAV Public School (CBSE) – Class 12

CGPA: 8.1 (5th Sem)

GPA: 90%

GPA: 76%

Skills

- **Languages:** Java
- **CS Core:** OOP, DBMS, OS
- **Frameworks:** React, Node.js, Express.js, Next.js, Honu
- **AI:** NLP (Basic)
- **Databases:** SQL, MongoDB
- **DevOps:** Docker (Basic)
- **Tools:** GitHub, Postman, VS Code

Experience

CedLabs – Software Developer Intern

[Project Link](#)

- Worked as a full-stack developer intern at a Tumkur-based startup, CedLabs.
- Built an interactive web interface for the **Energy Revenue Management System (ERMS)**.
- Designed and implemented **secure RESTful APIs**.
- Deployed frontend and backend on **AWS EC2**, database on **Amazon RDS**.
- Configured **NGINX** for reverse proxy and load balancing.
- **Tech Stack:** React, Node.js, Express.js, AWS EC2, RDS, NGINX

Projects

Pathfinder Participant Manager Website

[Live Site](#) | [QR Scanner](#)

- Built a full-stack platform to streamline event registrations and certificate generation.
- Features include self-registration, finish-line scanning, and instant certificate downloads.
- **Tech Stack:** Next.js, Honu + React Query, Drizzle ORM, PDF-lib, Vercel

HealthVault – Student Healthcare Management System

[Project Link](#)

- Developed a secure web and mobile platform to manage student medical records and appointments.
- Integrated AI-assisted diagnosis, chatbot support, and automated medical certificate generation.
- Key features include PDF export and real-time notifications.
- **Tech Stack:** React, Node.js, Express.js, Flask, MongoDB

Achievements

- **2nd Runner-up – Internal Smart India Hackathon (SIH) 2025**
- 3rd Runner-up – Hack-CSE Hackathon by SIT
- Top 10 Finalist – 3+ inter-college hackathons

Extracurriculars

- **Pathfinder Club:** District Marathon Coordinator
- **SARK (IT Fest):** Lead – “Cyber Ethymology” Event