SHRAWANI NANDA

STUDENT IN B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

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GitHub link : https://github.com/shraw06

PROFESSIONAL SUMMARY

Motivated and curious computer science student with foundational knowledge gained during the first year of study. Eager to learn, adapt, and grow in real-world environments. Interested in exploring programming, development tools, and problem-solving through hands-on experience and continuous improvement.

SKILLS

Problem-solving	Web development
Data Structures and Algorithms	Database Management: MySQL, MongoDB
Languages: C, C++, Python, HTML, CSS, JavaScript	Git Proficiency
API design - REST	Time Management
Teamwork and Collaboration	Friendly, positive attitude
Machine Learning basics	Render, Vercel

EDUCATION & PROFESSIONAL WORK

Bachelor of Technology: Computer Science & Engineering, Expected graduation in 2028

IIIT Hyderabad – Hyderabad, India

- 8.58 CGPA in 1st year | 8.72 SGPA in 2nd semester
- Completed College-level Coursework: C-Programming, Real Analysis, Discrete Structures, Digital Systems and Microcontrollers, Data Structures and Algorithms, Introduction to Software Systems, Introduction to Internet of Things, Computer Systems Organisation, Linear Algebra.
- **Smart Home for Aged People:** Maintained software stack for different components of the project that included a medication reminder system, home security system, health monitoring system, color based light system - Project as part of the course Introduction to Internet of Things. Link: https://github.com/shraw06/Smart-Home-Automation-Project

- **Portfolio Website:** Implemented HTML, CSS, JavaScript to make a portfolio website - Project as part of the course Introduction to System Software.
Link: https://github.com/shraw06/shraw06.github.io | shraw06.github.io
- **Recipedia:** Full Stack Ingredient based recipe finder website
Tech stack: HTML, CSS, JavaScript, FastAPI, Python (web scraping), MongoDB Atlas, Render, Vercel
  - Developed a *full-stack website* for exploring recipes through a clean, responsive interface
  - Built a Python *web scraper* to collect and structure recipe data from public sources
  - Seeded and managed scraped data using *MongoDB Atlas* (which is hosted), enabling efficient API access
  - Created a *FastAPI* backend to serve recipe data
  - Designed and built a static frontend using *HTML/CSS/JavaScript*
  - *Deployed the frontend via Vercel and backend via Render,* maintaining seamless full-stack communication
  - Link: https://github.com/shraw06/Recipedia | https://recipedia-8ofv.vercel.app/
- **Voice-Controlled To-Do List:**
  JavaScript, Web Speech API, HTML, CSS
  - Built a browser-based to-do list app that lets users add tasks using voice commands
  - Integrated the *Web Speech API* to capture and transcribe spoken input (e.g., "add write email")
  - Enabled dynamic DOM updates and task removal via intuitive interface with click actions
  - Styled the UI with custom CSS for a responsive and modern look
  - Link: https://github.com/shraw06/Voice-controlled-ToDo-List

Online Course Completion: Supervised Learning – Regression and Classification (By Andrew Ng, DeepLearning.AI) on Coursera.

Link to Certificate: https://coursera.org/share/8a1246cc605eebe43bb165b05a91c9a5

12th CBSE Boards: Science (PCM), 2024

Holy Convent Senior Secondary School – Delhi, India

- Final score: 95%
- Ranked 1 in school
- AIR 2172 in JEE Mains

10th CBSE Boards, 2022

Open Minds A Birla School, Kankarbagh – Patna, India

- Final score: 95%
- Achieved Black Belt in Taekwondo, have been trained for 8+ years

- Got awards for Public Speaking, Academic Excellence

LANGUAGES

- English

- Hindi