Aditya Raj

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SKILLS

- **Languages**: C/C++, JavaScript, Python, Java
- **Frameworks & Libraries**: ReactJS, NodeJS, Express, HTML and CSS
- **Tools & Platforms**: MySQL, MongoDB, Git, GitHub, Vercel, MS Power BI, MS Excel
- **Core CS Fundamentals**: DBMS, OS, CN, SQL, OOPs, DSA
- **Soft Skills**: Time Management, Problem-Solving, Adaptability, Team Work

PROJECTS

VoteXpress – Online Voting System: | Live
Jul' 25 - Sep' 25

- Developed a GUI-based voting platform with modules for registration, authentication, and secure vote handling.
- Added modules such as live results, candidate information, feedback, quiz, chatbot, and an admin panel.
- Designed APIs for smooth communication between the interface and backend with real-time vote updates.
- Integrated a MySQL database to store voter details, candidates, and voting records.
  Tech Stack: Python (Tkinter), MySQL, GUI Application, Data Handling, Streamlit

AgriChat – AI Powered Farming Support Chatbot: | Live
Feb' 24 - Mar' 24

- Engineered an AI chatbot that assists farmers with crop guidance, fertilizer suggestions, and agricultural queries.
- Built the front-end using ReactJS and deployed the application on Vercel for fast and smooth user interaction.
- Improved user experience by designing an intuitive chat flow that makes information easy for farmers to access.
- Linked the application with an LLM-based response engine to deliver accurate, context-aware answers.
  Tech Stack: ReactJS, JavaScript, LLM API, Vercel

TRAINING

Summer Training – Advanced Data Structures | LPU | Link
Feb' 24 - Mar' 24

- Gained hands-on understanding of advanced data structures with emphasis on efficiency and optimization, Completed a mini project as part of the training, applying advanced DS concepts in a real coding scenario.
- Strengthened problem-solving skills by implementing algorithms and testing their performance, Applied concepts through graphs, trees, and STL-based implementations.
  Tech Stack: Advanced Data Structures, Algorithm Analysis, Graphs, STL

CERTIFICATES

- Privacy and Security in Online Social Media - NPTEL IIIT Hyderabad | **Link** — Nov' 25
- Generative AI apps and solutions with no-code solution - Udemy | **Link** — Aug' 24
- Mastering in C: Basic to Beyond– CSE Pathshala | **Link** — Mar' 24
- Object Oriented Programming – NeoColab | **Link** — Jan' 24

ACHIEVEMENTS

- Secured 3rd rank in the Hackathon: HackWithVertos 1.0 | **Link** — Feb' 24
- Solved 250+ coding problems on Leetcode and HackerRank, demonstrating strong problem-solving skills. — Aug' 25

EDUCATION

Lovely Professional University
Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 6.27**
Aug' 23 - Present

International School
Patna, Bihar
Intermediate; **Percentage: 66%**
Apr' 22 – Mar' 23

Shivam International School
Patna, Bihar
Matriculation; **Percentage: 77%**
Apr' 20 - Mar' 21