AYUSH CARPENTER

📞 9587567453 | ✉ ayushjangid5102@gmail.com | ⌗ GitHub | 🔗 LinkedIn | </> LeetCode

Education

Degree/Certificate	Institute	GPA/%	Year
B.Tech(CSE)	Indian Institute of Information Technology, Kota	8.02	2023 – Present
Senior Secondary	St. John's School, Jhalrapatan	92.4%	2022
Secondary	St. John's School, Jhalrapatan	87%	2020

Projects

1. **MediCare+**: "Bringing healthcare to rural areas." | *HTML, CSS, JS, ExpressJS, NodeJS, MongoDB, AI/ML*
   - Solved rural healthcare access barriers by developing a platform connecting patients to pharmacies with 95 percent accurate prescription scanning and HIPAA-compliant video consultations.
   - Created multilingual health dashboard supporting 5 regional languages, increasing healthcare accessibility by 40 percent for underserved rural communities.
   - Reduced appointment booking time from 15 to 3 minutes with AI chatbot integration, decreasing unnecessary clinic visits by 25 percent.

2. **Dead Stock Marketplace** : "Efficient platform for unsold inventory." | *HTML,CSS,JS,ExpressJS,NodeJS,MongoDB*
   - Unlocked trapped capital by connecting businesses to buyers for dead inventory, transforming warehoused costs into immediate revenue.
   - Applied AI matching to precisely pair unsold goods with ideal buyers, eliminating waste while boosting sustainability metrics.
   - Designed intuitive workflows that reduced transaction friction, cutting deal completion time from weeks to minutes.

3. **DailyFix:** "A platform dedicated to solving everyday issues for college students." | *HTML, CSS, JS, ReactJS*
   - Developed responsive complaint management system for IIIT KOTA that resolved 90 percent of student issues within 48 hours.
   - Designed an intuitive interface that responds instantly to student needs across all devices, eliminating technical barriers that typically delay problem solving when students need help most.

Technical Skills

Programming Languages: C/C++, Python, JavaScript, SQL, Java
Frontend Technologies: HTML, CSS, JS, ReactJS, Tailwind CSS
Backend Technologies: Node.JS, ExpressJS, MongoDB
Developer Tools/ Version Control: VS Code, Git, GitHub
Operating Systems: Windows, Linux

Coding Profiles

LeetCode: Solved 200+ problems, strengthening problem solving skills in Data Structures & Algorithms.
GeeksforGeeks: Solved 100+ problems, covering a wide range of DSA concepts and competitive programming.
CodeChef: Achieved a 3-Star rating, demonstrating strong proficiency in competitive programming.

Relevant Coursework

- Data Structures
- Software Methodology
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- Operating Systems
- Object Oriented Programming
- Computer Architecture

Leadership / Extracurricular

- Ranked among the top 50 teams out of 950+ competitors in the prestigious Oddo Hackathon at IIT Gandhinagar!
- Achieved state-level recognition in Badminton, demonstrating dedication, discipline, and a competitive spirit.