

# VIJAY MAURYA

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## Education

**Bundelkhand Institute of Engineering and Technology Jhansi**  
*Bachelor of Technology in Information Technology*

**10/2021 - 06/2025**  
**CGPA:8.2**

## Experience

### **Full Stack Developer (6 Months) – CMT AI, Completrix Microtechnologies Pvt. Ltd.**

- Increased system performance by 25% through optimized frontend rendering and efficient **MongoDB** query handling.
- Built a multi-vendor diamond management system processing 30k+ records via CSV, HTTP, FTP, and manual ingestion with automated hourly updates.
- Integrated OpenAI APIs to auto-generate 1,000+ AI-based resumes and added secure payment gateways, increasing transaction success rate by 15%.
- Deployed and monitored applications on AWS, Firebase, and Vercel, maintaining 99.9% uptime and accelerating CI/CD by 30%.
- Delivered 5 production-ready applications in e-commerce, education, and recruitment, enhancing backend throughput and frontend responsiveness.

## Projects

### **HousePlansFiles – MERN, AWS, Tailwind [Github](#) [Preview](#)**

- Developed a role-based e-commerce system where architects and sellers can upload and sell 2,000+ house plans.
- Integrated Razorpay, PayPal, and PhonePe payment gateways, boosting transaction stability by 20%.
- Enhanced AWS S3 storage and MongoDB indexing, reducing page load time by 35%.

### **Teacher Job Portal – MERN, AWS, OpenAI [Github](#) [Preview](#)**

- Created a teacher recruitment platform connecting 500+ educators and institutions with automated interview scheduling and offer workflows.
- Reduced manual resume editing effort by 60% using OpenAI-powered enhancement tools.
- Deployed on AWS with auto-scaling setup for consistent performance under varying traffic loads.

### **Craritic Diamond Platform – Next.js, Express.js, Cron Jobs, AWS, MongoDB [Github](#) [Preview](#)**

- Engineered a multi-vendor diamond marketplace enabling sellers to upload inventory through manual entry, CSV, HTTP, or FTP integrations.
- Designed a dynamic data-mapping engine allowing admin to align each seller's custom fields to 75+ standardized diamond attributes for consistent backend processing.
- Automated hourly inventory synchronization using Cron Job Scheduler, ensuring real-time updates across sellers via Express.js REST APIs and Next.js frontend.

## Certificate and Acheivement

- Successfully completed a 6-month Data Structures and Algorithms (DSA) course from GeeksforGeeks
- Achieved a maximum rating of 1600 on LeetCode and earned a 3-Star rating on CodeChef.
- Solved 400+ problems on LeetCode and 250+ problems on GeeksforGeeks.
- Ranked in the top 1% among 1,200+ participants in weekly coding contests, highlighting exceptional analytical.

## Technical Skills

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|---------------------------------|--|
| • <b>Strongest Area</b>         | Data structures and Algorithms design  |
| • <b>Web Development Skills</b> | HTML, CSS, JavaScript, ReactJs,Nextjs, NodeJs, ExpressJs, MongoDB, SQL,React Redux |
| • <b>Programming Languages</b>  | C, C++, Python(Basic), JavaScript(Basic)   |
| • <b>Computer Fundamentals</b>  | Database Management System, Operating System, Computer Networks, OOPs              |
| • <b>Technical Tools</b>        | GitHub, PostMan, VS Code, Jupyter ,AWS,Cloudinary,Firebase                         |

## Additional Details

- Founding Member of the Coding Club - The Syntax Society.
- Advisory Board Member of the Student Council of Information Technology.