MUKESH DHADHARIYA

Nagaur, Rajasthan, India 341520

📞 [+91 9783609918](tel:+919783609918)   ✉ mukeshdhadhariya1@gmail.com   ⊙ [Github](#)   in [LinkedIn](#)

Education

Indian Institute of Information Technology, Bhagalpur   **2023 − 2027**
Bachelor of Technology in Computer Science Engineering   *CGPA: 7.37 (absolute)*

Internship Experience

Workafy | Software Developer Freelencer   **Oct 2025 − Present**
- Designed and implemented modern, responsive frontend UI components to enhance user experience and engagement, improving interface usability and customer satisfaction by 40%.

IIIT Bhagalpur | Product Management   **Mar 2025 − May 2025**
- Led a 6-member team to design and develop a user-friendly web platform for union employees, integrating multiple warehouse work zones and streamlining operations — enhancing efficiency by 45% through effective product design, full-stack development, and collaboration with the Indian Labour Union Commission.

Technical Skills

Languages: C, C++, JavaScript, TypeScript, Python, SQL, HTML, CSS.
Frameworks & Libraries: React.js, Next.js, Express.js, Vite, Shadcn/UI, Bootstrap.
Tools & Technologies: Node.js, MongoDB, REST APIs, Git, GitHub, Linux, Postman, Docker, kubernetes, AWS.
Relevant Coursework: DSA, OOP, OS, DBMS, Software Engineering, Computer Networks, WebSockets.

Projects

Cloud CTF Platform | MERN, AWS (EC2, IAM, AMI), Packer, SQL, ALB   **Dec 2025 − Feb 2026**
- Architected and deployed a multi-user, production-grade CTF platform trusted by 500+ users, dynamically provisioning 2000+ isolated AWS EC2 challenge environments (2× user scale) with secure IAM-based access, real-time scoring, and auto-scaling infrastructure.

AI-powered Smart Farming Platform | MERN, ML (LightGBM Regression), AWS, Docker   **Aug 2025 − Nov 2025**
- Developed an AI-driven agriculture platform using LightGBM regression to predict the profitability of hybrid crops specific to locations and seasons based on soil pH, water quality, climate and mineral composition, with integrated seed sourcing, cultivation guidance and production market.

Social Media Platform | MERN, Shadcn/ui, Socket.IO, Cloudinary, JWT   **July 2024 − Oct 2024**
- Built a scalable social media application with secure JWT authentication, real-time messaging (Socket.IO) and optimized front-end architecture using React and Shadcn/UI — cutting load times by 35% and increasing overall system responsiveness by 40%.

Achievements

- **Tata Imagination Challenge 2024 (Semifinalist, Ongoing)** — Selected among top national participants for presenting a data-driven solution to address a real-world social problem.
- Secured **9th Rank (Institute Level)** in **Opcode 2025**, an open-source hackathon by IIIT Bhagalpur, demonstrating strong project execution and technical implementation.
- Recognized as a **Supercontributor** for Hacktoberfest 2025 (powered by DigitalOcean) — completed 15+ contributions , guiding them through code contributions and fostering collaboration ([Profile](#)).
- Achieved **3∗ on CodeChef** with a **Max Rating of 1610**; placed within **Top 1000 globally** in multiple contests ([Profile](#)).
- Served as **Student Mentor (PyC, Adhaaya Club, IIIT Bhagalpur)** — mentored 80+ students in DSA, and programming fundamentals, leading to measurable academic improvement of 60% ([Certificate](#)).
- Ranked among top participants in **Coding Ninjas Slayground 2.0** and **Algorithmia ICPC-Style Challenge** for efficient problem analysis and algorithmic accuracy ([Slayground](#) & [Algorithmia](#)).