

# LOKESH KUMAR

+91 9166353078 | [lokesh916635@gmail.com](mailto:lokesh916635@gmail.com) | [LinkedIn](#) | [LeetCode](#) | [CodeChef](#) | [GitHub](#)

## Education

**Indian Institute of Information Technology, Kottayam**  
*Bachelor of Technology in Computer Science and Engineering*

Nov. 2022 – Apr. 2026  
(CGPA : 8.0)

**Rajasthan Board of Secondary Education**  
*High School*

July 2019 – Apr. 2021  
(Grade : 100%)

## Technical Skills

**Programming Languages:** C++, C, Python, JavaScript, Java, , SQL  
**Frontend Technologies:** React, Next.js, Tailwind CSS, Redux, HTML5,  
**Backend Technologies:** Node.js, Express.js, REST APIs, Python  
**Databases & Tools:** MongoDB, SQL, PostgreSQL, MySQL, Git/GitHub  
**Course Work:** Data Structure, OS, Computer Network, OOPS, DBMS, Machine Learning  
**Deployment Tools:** Vercel, Render, Netlify

## Work Experience

**Software Developer Intern — Elite8 Digital**

Dec 2025 – Present

*Remote*

- Built and optimized **responsive, high-performance UI components**, improving overall **user engagement by 30%** across web platforms using React.js, Node.js, and modern CSS frameworks.
- Implemented efficient **frontend-backend API integration** via Axios and RESTful APIs, reducing **data fetch latency by 25%** and improving application responsiveness.
- Refactored legacy components and Efficient rendering logic, resulting in a **20% faster page load time** by optimistic algorithm and improved application stability.
- Collaborated with cross-functional teams to **debug, Improve, and ship features** under deadlines, ensuring reliable deployments.

## Projects

**ClothNest** | *Node.js, React, Express.js, JWT, MongoDB, JavaScript* [Demo Link](#)

- Architected a **microservices-based e-commerce platform** with event-driven workflows to manage orders, users, and inventory, ensuring **high system modularity and fault isolation**.
- Implemented **real-time inventory synchronization** using distributed messaging and caching mechanisms, reducing **overselling incidents by 40%** during peak traffic.
- Enhanced backend APIs and asynchronous processing pipelines, improving **order processing throughput by 30%** .
- Deployed containerized services with automated **CI/CD pipelines**, enabling seamless updates and supporting **10,000+ concurrent users** with high availability and fault tolerance.

**FarmStack AI** | *React, Tailwind CSS, FastAPI, MongoDB, Redis, Cloudinary, Framer Motion*

- Designed and deployed a **full-stack AI system** for crop disease detection, achieving **90%+ model accuracy** on **54,000+ plant images** across **38 disease classes**.
- Enabled **real-time disease identification** with treatment recommendations, weather insights, analytics dashboard, and AI chatbot, increasing **farmer decision efficiency by 40%**.
- Built an **end-to-end ML pipeline** with containerized deployment and caching, reducing **inference latency by 35%** and ensuring production-grade reliability.

**Blog-app** | *Next.js 15, Prisma, Clerk, Cloudinary, React Server Components* [Demo Link](#)

- Engineered a full-stack blogging platform with secure authentication using Clerk, allowing **100+ registered users to create, read, like, comment, and share blogs** with real-time updates and role-based access control.
- Enhanced application performance through optimized server-side rendering, intelligent caching, and efficient API data-fetching strategies, **resulting in 35% faster page load times and 40% reduction in redundant network requests**.
- Improved scalability and reliability by optimizing state management and database queries, successfully **supporting 1,000+ monthly user interactions while maintaining 99.9% application uptime** across devices.

## Achievements and Extra Curricular

**LeetCode**

- \* **Solved 350+ complex problems**, demonstrating strong proficiency in data structures and algorithms.
- \* Maintained a **100+ day streak of solving daily problems** and achieved **210+ total active days**.

Aug 2024 – Present

**CodeChef**

- \* Achieved a **3-star rating (Max Rating: 1610+)**, solving 300+ problems of varying difficulty levels.
- \* Secured a **global rank of 260** in CodeChef Starters 177 Division 3.

Sep 2023 – Present

**Hackathons**

- \* Finalist in **HackOverflow Hackathon** and **Smart India Hackathon (SIH)** — developed innovative full-stack solutions addressing real-world challenges among top shortlisted teams nationwide.
- \* Collaborated in a 4-member developer team, building scalable prototypes under tight deadlines, showcasing strong problem-solving, teamwork, and innovation skills.