

ANISH KUMAR

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EDUCATION

B.Tech, Electronics and Communication Engineering, IIIT Manipur	7.29 CPI, 2026
<i>Coursework: Data Structures, Algorithm Design, Computer Networks, Software Engineering</i>	
Higher Secondary, De Nobili School, Dighwadigh	89.5%, 2022
Secondary Education, De Nobili School, Dighwadigh	90.2%, 2020

TECHNICAL SKILLS

Programming: Java, C++, Python
Data Structures and Algorithms: Algorithm Design, Complexity Analysis, Problem-Solving
Full-Stack Development: React.js, Node.js, Express.js, REST APIs
Relational Databases: MySQL, MongoDB, Database Management
Tools: Git, GitHub, GitLab, Docker, CI/CD, GCP, WebSocket
Other: JavaScript, HTML5, CSS3, SQL, Google Maps API, Twilio API
Soft Skills: Technical Challenges, Agile Environment, Customer Obsession

WORK EXPERIENCE

NGSpurs	May 2025 – July 2025
<i>Software Development Intern</i>	<i>Jamshedpur, India</i>
• Built scalable web apps using Java, React.js, and Node.js, integrating MongoDB and MySQL for distributed systems.	
• Developed REST APIs with Express.js and WebSocket for real-time query systems, reducing wait times by 25%.	
• Designed the Lucknow Metro Kiosk system, enhancing customer obsession through efficient algorithms in an agile environment.	
• Collaborated with teams to address technical challenges, delivering high-quality software for high-traffic requests.	
Syntheim	May 2024 – Nov 2024
<i>Software Engineering Research Intern</i>	<i>Remote</i>
• Optimized 3D model rendering using Python and TensorFlow, improving performance by 25% in agile development cycles.	
• Articulated solutions for ambiguous problems, collaborating with distributed teams to enhance software design.	

SELECTED PROJECTS

IoT Mini-Satellite for Campus Communication & Disaster Prediction	Aug 2025 – Ongoing
• Designed a LoRa-based mesh network enabling internet-independent campus communication and real-time environmental sensing during outages.	
• Integrated multi-sensor disaster prediction using ML for floods, fires, and air-quality crises, ensuring resilient early-warning alerts across zones.	
• Repository	
Restaurant Ordering System	2025
• Built full-stack app with React.js, Node.js, and Express.js, using MongoDB for scalable query systems.	
• Implemented JWT authentication and WebSocket for real-time updates, ensuring high-quality software design.	
• Deployed with Docker and CI/CD pipelines, optimizing for distributed computing.	
• GitHub	

ACHIEVEMENTS

- ICPC Regionalist 2025
- ICPC Taiwan 2024: Global Rank 99, India Rank 3
- Specialist in Codeforces
- Internation Rank 294 in IGKO '20
- CodeChef Starters 225: Global Rank 260
- Coding Club Lead, IIIT Manipur, 2025
- Top 5% in college coding contests