

Atul Soam

DOB - 5 June,2003
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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY GUWAHATI, (IIITG)

B.TECH IN COMPUTER SCIENCE ENGINEERING
Grad. May 2025 | CGPA: 7.38

ARMY PUBLIC SCHOOL, RANCHI

PCM WITH COMPUTER SCIENCE
May 2020 | Cum Per: 93.6%

COURSEWORK

UNDERGRADUATE

Web 2.0 + 3.0
Data - Structures and Algorithms
Machine Learning
Artificial Intelligence
Object Oriented Programming
Mathematics I, II
R-DBMS
Operating System
Computer Security
Theory of Computation
Software Engineering

SKILLS

PROGRAMMING

Languages:

- Advanced: C++, JavaScript
- Intermediate: Python, Java, C
- Novice: Motoko

Tools:

- Git • Linux • Windows
- VS Code • MySQL
- Docker • AWS • GitHub

Tech Stack & Libraries:

- MERN Stack
- scikit-learn library of Python

EXTRAS

- Teaching
- Sports
- Reading Books

INTERNSHIP & PERSONAL PROJECTS

INTERN IN THE IIT BHILAI ITF-SPONSORED PROJECT TITLED "SUSTAINABLE SMART PARKING FOR AIZWAL CITY." | NODE.JS |

EXPRESS.JS | MYSQL | CSS | HTML | JAVASCRIPT | AUTH | CLOUD

- As a Project Intern at **IIT Bhilai**, I am developing a comprehensive smart parking solution for Aizwal City using the full **MERN** stack. This application offers real-time parking availability, automated booking and payment, and data analytics for optimized resource allocation, enhancing user convenience and promoting sustainable urban mobility.

MERN BLOG WEBSITE | NODE.JS | REACT.JS | YARN | MONGODB

- Designed and developed a feature-rich blog website using the MERN (MongoDB, Express.js, React.js, Node.js) stack, showcasing proficiency in full-stack web development. The project aimed to provide an interactive and user-friendly platform for content creation, sharing, and engagement.
- Developed a secure and responsive MERN blog website with user **JWT authentication** using , real-time updates, and efficient deployment on cloud platforms. Implemented version control and comprehensive documentation for future maintenance.

DEVELOPED A REAL-TIME VOTING APPLICATION WITH MERN STACK, FEATURING USER AUTHENTICATION AND DYNAMIC POLL CREATION. | JAVASCRIPT | EXPRESS.JS | REACT.JS | CSS | HTML | MONGODB

- Designed and developed a comprehensive voting application leveraging the MERN stack, providing users with a seamless experience to create, manage, and participate in polls. Implemented features such as user authentication with secure encryption, dynamic rendering of poll options with React.js, backend API endpoints for data management with Express.js, MongoDB integration for persistent storage, and real-time updates of voting results using WebSocket technology.

ACHIEVEMENTS

- GOOGLE KICKSTART International Rank **1422nd**
- LeetCode **Top 2%** solved around **1000+ problems**, max contest rating **2,059**.
- Cleared **HACTOBERFEST**, a month-long celebration of open-source software, by making valuable contributions to various projects.

ACADEMICS

3rd in school in class XII examination 93.6

SPORTS

SILVER MEDAL Regional Cricket
BRONZE MEDAL Regional Kabaddi