Anirudh Gautam

✉ anirudhgautam1615@gmail.com | 📱 9634511490
🐙 github.com/Quantifier58 | 🔗 linkedin.com/in/anirudh-gautam-akg

Skills

Programming: Python, C/C++, React-JS, JavaScript*, HTML/CSS
Database Management: MySQL, MongoDB, PostgreSQL*
CyberSecurity: Reverse Engineering, JWT, Web Exploitation
Machine Learning: TensorFlow, PyTorch, OpenCV, Pandas, NumPy, scikit-learn, EasyOCR, Tesseract
Tools/Frameworks: Ghidra, IDA Freeware, Burp Suite, Flask*, Next.js, MERN Stack, Tailwind CSS
Operating Systems: Windows, **Linux**   ** Elementary proficiency*

Education

Indian Institute of Technology Indore   November 2022 - Present
B.Tech. in Computer Science and Engineering   *CGPA: 7.40/10*
Coursework: Software Engineering, **DSA**, **Database & Information Systems**, Automata Logic, Design & Analysis of **Algorithms**, Logic Design, **Computer Networks**, Computer Architecture, **Operating Systems**, Computer Intelligence

Senior Secondary, CBSE (Dehradun)   2021
P.C.M with Computer Science   *Percentage: 96%*
Relevant Coursework: Computer Programming (Python), MySQL

Projects

GearHex - Inventory Management System   🐙 GitHub
- Used React.js, Electron.js, and MongoDB to create a fully operational and centralized hub for real-time tracking, issuance, and monitoring of lab materials.
- Leveraged React.js and MongoDB to transform manual inventory management into an efficient, automated system, reducing human errors and saving time along with special **alert system** using mail.

CricPulse - Cricket World Cup Site   🐙 GitHub
- Designed and implemented a comprehensive database management system for Cricket World Cup data, using React.js for the frontend, Rust for the backend, and PostgreSQL for database management.
- Implemented **WebSockets** to facilitate real-time updates and seamless communication between the frontend and backend servers, ensuring up-to-date information is consistently displayed.

DaemonByte - Cyber Security Translator   🐙 GitHub
- Engineered a React-based application replicating CyberChef's functionality, enabling **real-time data encoding**, decoding, and transformation, utilizing libraries like **crypto-js** for cryptographic operations.
- Successfully integrated various data transformations and cryptographic operations, including Base64, hex, URL encoding, MD5, SHA-256, and advanced features like Keccak-224 and Bacon Cipher.

Achievements

- **AIR 10, CSAW CTF'24 (NYU):** Secured 10th place in India, qualified for CSAW Finals with advanced cybersecurity skills.
- **Codeforces 1478 (Specialist), LeetCode 1909:** Solved 200+ problems, excelling in algorithms and data structures.
- **Ranked 12th in India on CTFtime:** Global CTF enthusiast & cybersecurity advocate with consistent performance.
- **Rank 50, CodeClash '25:** Excelled in competitive programming at national level | **Rank 39, Bronco CTF '25.**
- **2nd Position, IITISoC'23:** Built interactive web platform for cybersecurity learning and application.
- **World Ranks 37 & 62:** Sunshine CTF and Vishwa CTF respectively | Top global cybersecurity rankings.
- **Inter IIT Sports Meet'24:** Represented IIT Indore in Basketball, showcasing teamwork at national level.

Position of Responsibility

Member of The Programming Club, IIT Indore	**2023 - Present**
Member of The Basketball Club, IIT Indore	**2022 - Present**
Mentor in IITI Summer of Code, IIT Indore	**May '24 - Jul '24**