

Bussa Aditya Naga Sai Laxman

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Education

Indian Institute of Information Technology, Jabalpur
B.Tech in Computer Science and Engineering

Jabalpur, India
2023 – 2027

Skills

Programming Languages: C, C++, Python, Java, JavaScript, SQL
AI and Machine Learning: NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow
Web Development: HTML, CSS, JavaScript, PHP, SQL, MySQL, Flask, REST APIs
Version Control: Git, GitHub
Soft Skills: Leadership, Public Speaking, Teamwork, Critical Thinking, Problem-Solving
Achievements: Competitive Programming (CodeChef, LeetCode), Played District-level Cricket

Experience

Student Guide, Counselling Committee Member

IIIT Jabalpur

- Led a **30-member team** to foster a culture of competitive coding, career growth, and technical mentorship.
- Mentored **30+ juniors** in Data Structures, Algorithms, and interview prep; boosted CP ratings and confidence.

Projects

Traffic Flow Management System

Tech Stack: Python, Machine Learning, SQL, Pandas, NumPy, Scikit-learn, Flask, AWS

- Developed an **AI-based traffic prediction system** with **99.38% accuracy**, analyzing over 1M data points.
- Integrated **pattern recognition algorithms** to detect peak hours, reducing congestion by **35%**.

Teach Wave – Tuition Management Platform

Tech Stack: PHP, SQL, MySQL, HTML, CSS, JavaScript, DBMS.

- Built a **full-stack system** to automate **80% of tuition center operations** and student records.

Achievements

- **MCM Scholarship Recipient (IIIT Jabalpur)** – Awarded by the institute for **academic excellence and financial merit**.
- **LeetCode: 1700+ rating** – Solved 450+ problems.
- **CodeChef: 3-star coder** – Global Rank: 93 in Starters 177.
- **Codeforces:** Solved 600+ problems on Codeforces.
- **Scored 98.7 percentile in JEE Mains**, ranked in the **top 2% nationwide**.
- **COMEDK UGET - 2023:** Secured **846 rank** nationwide.
- **NPTEL Topper (Joy of Computing Using Python)** – Earned a **Topper of the Course** tag for outstanding performance in the NPTEL course.
- **NPTEL Topper (Switching Circuits and Logic Design)** – Earned a **Topper of the Course** tag for outstanding performance in the NPTEL course.

Hobbies

- Competitive Programming (LeetCode, CodeChef, Codeforces)
- Chess (Intermediate Level)
- Reading (Fantasy, Sci-Fi, Mystery genres)
- Cricket And Badminton (Fitness)