

V Dikshita Rao

Roll No.: 2200040263

B.Tech in Electronics & Communication

KL University, Vijayawada

+91-9630208337

2200040263ece@gmail.com

dikshitarao06@gmail.com

LinkedIn Profile

1Profile

Tech enthusiast, adaptable and results-driven B.Tech student in Electronics and Communication Engineering with a solid foundation in software development, front-end engineering, and AI/ML applications. Proficient in Java, HTML, CSS, Scikit-learn, MySQL and data structures and algorithms, with hands-on experience in building scalable, user-centric web solutions using clean coding practices, and a keen interest in contributing to high-impact, innovative projects.

2Education

- KL UNIVERSITY** 2022-2026
B.Tech in Electronics and Communication CGPA: 9.25
- BSP- Senior Secondary School Sec-X** 2019-2022
CBSE-12th Percentage: 89
- BSP- Senior Secondary School Sec-X** 2018-2019
CBSE-10th Percentage: 94

3Experience

- BHILAI STEEL PLANT (SAIL)** May 2024
Industrial Intern BHILAI, Chhattisgarh
 - Interned at BSP exploring Instrumentation, Blast Furnace, Steel Melting Shop, Rail Mill, Incos, and C&IT
 - Gained hands-on experience in industrial automation, steel production, and quality control
 - Enhanced technical knowledge working alongside experienced industry professionals

4Personal Projects

- Book Recommendation System** Dec 2024
 - Developed Book Recommendation System using Python, implementing API integration for data access
 - Utilized Python libraries (Pandas, NumPy, Scikit-learn) for AI-based filtering and personalization
 - Created an automated user interface in PyCharm with intelligent preference learning capabilities
- Task Management System using PHP and MySQL** May 2024
 - A complete task management system with Create, Read, Update, and Delete operations for tasks, including status tracking (Pending, In Progress, Completed) and due date management..
 - Built with PHP (PDO for secure MySQL queries) for backend logic, MySQL for database storage, and Bootstrap for a responsive and clean frontend interface.
- Traffic Congestion Control System** Dec 2023
 - Developed IoT-based traffic control system using Arduino Uno and sensors
 - Integrated hardware and software for real-time congestion detection
 - Optimized signal adjustments for improved traffic flow

5Technical Skills

Languages: C,Java,HTML,CSS,SQL,Python,Verilog

Technical Skills:Linux-(OS), Git/GitHub(Version Control),Agile(scrum)

Soft Skills:Strong Communication,Time Management,Adaptability,Technical Problem Solving and Critical Thinking ,Cross-functional Team Collaboration,Leading Technical Projects and Mentoring

Interests: Full-Stack Development,Artificial Intelligence and Machine Learning,API Integration,NLP, VLSI

6Certifications

- Salesforce AI-Associate:** Experienced Salesforce AI Associate for intelligent business solutions
- Oracle Cloud Infrastructure:** Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- SYSTEM VERILOG and UVM:** Advanced digital design and test environment development

7Positions & Achievements

- Position,Core Member** - *Always@VLSI Club* 2023
- Position, PR Team and Hospitality** - *KL Kutumb,North Indian Society* 2022 - Present
- Competitive Programming** - *CodeChef (2 star)* 2024