+91 9182325645
varunnandyala45@gmail.com
Varun Nandyala/linkedin
github.com/Varun N
varunnandyala.com

VARUN REDDY N

Web Development | Database Management | UI/UX Design

Objective

As a highly motivated B. Tech student in Computer Science and Design, I seek to apply my technical skills and creative problem-solving abilities in a dynamic organization. I aim to contribute to innovative projects, grow through continuous learning, and build solutions that make a meaningful impact

Education

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai

- B. Tech in Computer Science & Design 2022 - 2026
- CGPA: 8.9

Narayana Junior College, Hyderabad

- MPC (Maths, Physics & Chemistry) 2020 - 2022
- Score: 955/1000

Sri High School, Kodad

- High School 2011 - 2020
- GPA: 10/10

Skills

- **Programming:** Python, Java, SQL, HTML, CSS.
- **Tools:** VS Code, Figma, SQL Workbench, Canva, MATLAB, Google Collaboratory.
- **Version Control:** Git, GitHub
- **Core Concepts:** DBMS, Data Structures and Algorithms, OOPS, Computer Networks, OS.
- **Databases:** MySQL, MongoDB, PostgreSQL.
- **Area of Interest:** Designing, Data Analysis, Machine Learning.
- **Core Competencies:** Design Thinking, Time management, Quick Learner, Teamwork, Adaptability.

Certifications and Awards

- Python for Data Science
- CCNA: Introduction to Networks
- **Secured 3rd prize (cash award ₹2,000) in Secure Cyberspace Contest, conducted by Vel Tech University.**
- **Achieved 2nd prize (cash award ₹3,000) in Quiz Mania, organized by the Office of CTC, Vel Tech University.**
- **Won 5th prize (cash award ₹500) in the Sustainathon - Idea Contest at Vel Tech University.**

Experience

Design Lead & Hackathon Organizer

Vel Ideaforge 2K25 | Jan, 2025 - Feb, 2025

- Successfully led the Design team for Vel Ideaforge 2k25, a National level 24-hour Hackathon organized by Department of CSD, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology.
- 40+ teams, 200+ participants participated.
- Designed Website, Posters, Banners, Logos and created a visual branding for the event.

Projects

DrivenSys: A Safe Drive System using CTNS & IoT

Jan 2025 - Apr 2025

- Designed and implemented a real-time IoT-based vehicle safety system using Deep Learning, Computer Vision, and ESP32; enabled emergency response via GSM.
- GitHub: https://github.com/VarunNandyala/DrivenSys

Metro Interstate Traffic Volume Analysis

Dec 2024 - Feb 2025

- Analyzed hourly traffic data from I-94 using Python, Pandas, and Seaborn to identify trends influenced by weather and time.
- GitHub: https://github.com/VarunNandyala/TrafficAnalysis

Text-to-Speech Converter

Aug 2024 - Dec 2025

- Implemented a TTS converter using Tacotron2 and Waveglow models.
- Leveraged PyTorch and audio processing libraries for training models.
- GitHub: https://github.com/VarunNandyala/TTS

Publications

Enhancing Accessibility and Communication Through Text to Speech Conversion

BITCON' 24 - BIT SINDRI, DHANBAD. DEC - 2024