Nandyala Varun Reddy

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in VARUN REDDY NANDYALA ⌨ Varun Reddy Nandyala

Career 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, Tamil Nadu *2022 – 2026*
B.Tech in Computer Science & Design, CGPA: 9.0

Narayana Junior College, Hyderabad, Telangana *June 2020 – July 2022*
Intermediate in MPC (Mathematics, Physics & Chemistry), Score: 955/1000

Sri High School, Kodada, Telangana *April 2020*
GPA: 10/10

Technical Skills

Languages: Python, Java, SQL

Technologies: UI/UX, Front-End, Data Analysis, Designing, Database Management.

Database Management: MySQL, MongoDB.

Tools: Google Collaboratory, MySQL, MySQL Workbench, VS Code, Figma, Canva, Blender.

Soft Skills

Collaborative Team Player, Efficient Time Management, Rapid Adaptability & Continuous Learner, Analytical Problem-Solving Skills, Effective Communication & Interpersonal Skills.

Projects

Text-to-Speech Converter *July 2024 – Oct 2024*
- Developed a TTS converter using Tacotron2 and Waveglow models to increase the accessibility of the TTS converter.
- Tools Used: Python, Google Collaboratory
- GitHub: https://github.com/VarunReddyNandyala/text-to-speech-converter ⎘

Metro Interstate Traffic Volume Analysis *Feb 2025 – Mar 2025*
- Analyzed hourly traffic volume data on I-94 in Minneapolis–St Paul to uncover patterns influenced by weather and time-based factors.
- Tools Used: Python, Pandas, Matplotlib & Seaborn, Google Colab
- GitHub: https://github.com/VarunReddyNandyala/Metro-Interstate-Traffic-Volume-Analysis ⎘

DrivenSys: A Safe Drive System using CTNS & IoT *Jan 2025 – Apr 2025*
- Developed an IoT-based smart driving system integrating Deep Learning, computer vision, and IoT sensors for real-time safety and emergency alerts.
- Tools Used: Python, VS Code, IoT, Arduino IDE
- GitHub: https://github.com/VarunReddyNandyala/drivensys-safe-drive ⎘

Publications

Enhancing Accessibility and Communication Through Text to Speech Conversion   Dec 2024

BITCON-24,BIT Sindri

Certifications

🔗Python for Data science ↗
🔗CCNA: Introduction to Networks ↗

Achievements

Secure CyberSpace ↗ : Secured 3rd place in Secure CyberSpace competition, demonstrating advanced security skills.

Vel Ideaforge 2k25 - Student Coordinator ↗ : Successfully led the Design team for Vel Ideaforge 2k25, a National level 24-hour Hackathon organized by Dept. of CSD, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology.

Quiz Mania(May,2025 Edition) ↗ : Secured 2nd Place in Quiz mania(May 2025 edition). Conducted by Office of Campus to Cooperate, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology.

Areas Of Intrest

Web Development, Machine Learning, UI/UX Designing, Database management, Data Analysis, 3D modeling.

Personal Details

Hobbies: Photography, Trekking, Watching Movies & Series.
Languages Known: Telugu, English & Hindi.