

EDUCATION

Vasireddy Venkatadri Institute of Technology (VVIT)
Bachelor of Technology, Computer Science(Cybersecurity,IOT); CGPA: 8.7

Guntur, India
November 2021 - April 2025

Technical Skills

- **Languages:** Python, SQL, JAVA,PHP
- **Frameworks:** Pandas, Numpy,Pydub, FFMPEG, gradio, React JS, Node JS
- **Tools:** Power BI, Excel, PowerPoint, Tableau, MySQL, SQLite,XAMPP, AWS EC2
- **Platforms:** PyCharm, Google Colab Notebook, Visual Studio Code, IntelliJ IDEA

Non-Technical and Business Skills

Leadership & Team Management – Strategic planning, delegation, cross-functional coordination.

Event & Project Management – Budgeting, workflow optimization, sponsorship acquisition.

Communication & Public Speaking – Hosting, stakeholder engagement, audience interaction.

Content & Community Management – Audience analysis, engagement strategies, production oversight.

HR & People Operations – Recruitment, retention strategies, training & development.

WORK EXPERIENCE

- Project Associate & Trainer| SR University Warangal| [LINK](#)
- January 2024- March 2024
- Delivered 200+ hours of training on programming, SDLC, and Agile methodologies, upskilling 100+ students while managing 5+ software projects.Led project execution, overseeing task delegation, risk assessment, and documentation to ensure timely completion.
 - Improved student performance by 35% through hands-on learning, real-world coding projects, and optimized lesson plans.Provided debugging and software testing support, enhancing students' problem-solving and analytical skills.
 - Mentored 50+ students in technical presentations, collaborative coding, and Agile development, fostering teamwork and career growth

PROJECTS

- 1.South Central Railway Announcement System for Train Departure and Arrivals: [Watch the Demo Here](#)
- Developed an automated system to generate railway announcements for train arrivals, departures, and general updates within seconds.
 - Designed to produce three types of announcements, ensuring clear and accurate communication.
 - Utilized Python and Pandas for efficient data processing and schedule management.Integrated Gradio to create an interactive and user-friendly interface and Employed FFMPEG for high-quality Audio Processing and Merging
- 2.Hyderabad Metro Multilingual Announcement System (L&T - Blue Line) : [Watch the Demo Here](#)
- Spearheaded a city-wide transportation project, collaborating with government stakeholders and engineering teams to enhance commuter experience.
 - Developed and optimized multilingual announcements using Python and Gradio,ffmpeg supporting 24 stations in 3 languages (English, Telugu, Hindi).Reduced announcement generation time by 85% (from 2 minutes to 5-10 seconds) through FFMPEG
3. Agricultural Equipment Rental System (Full-Stack Web Application) : [Watch the Demo Here](#)
- Led end-to-end product development, from market research to deployment, ensuring alignment with business goals and user needs.
 - Designed and implemented a scalable platform using Next.js, Node.js, MongoDB, Google Auth, and RESTful APIs, processing 500+ daily transactions.

Leadership Experience

- President, Student Activities Council
- VVIT, Guntur | March 2024 – Present
- Led a 120-member team to organize 150+ large to medium -scale events, increasing attendance by 45% and improving operational efficiency by 30%.Ensured 95% on-time project delivery, contributing to a 50% increase in positive event feedback.
 - Established 10+ partnerships with local businesses, boosting sponsorship contributions by 35%.Optimized event planning strategies, cutting planning timelines by 25% and improving engagement by 40%
- Executive Project Manager, Catchup 2.0 News Bulletin
- VVIT, Guntur | July 2022 – April 2025
- Produced 15+ full-length episodes and 10 short news segments, reaching 20,000+ viewers.Led a 50-member cross-functional team, ensuring a 90% on-time completion rate while maintaining quality.
 - Analyzed audience metrics, implementing changes that boosted viewership by 20% in six months.Streamlined workflows across departments, reducing project turnaround time by 30%.Improved team productivity by 25% through structured project management methodologies.

CERTIFICATES

- Design Thinking Scholar – [JUCEE \(Trained by Purdue University Experts\)](#)
- Applied design thinking principles to solve real-world problems through structured decision-making and innovation. Developed mini-projects using problem identification, ideation, prototyping, and user feedback.Enhanced project management, critical thinking, and user-centric solution development.
- Python Foundations – [HackerRank](#)
- Certified in Python programming with a focus on data structures, algorithms, and problem-solving. Developed proficiency in object-oriented programming (OOP), exception handling, and automation.
- Developer Foundations – [CCBP Nxtwave](#)
- Skilled in full-stack development, including Node.js, Express.js, Database Management (SQL & NoSQL), Computer Networks (CN), and Operating Systems (OS).Proficient in Git version control, RESTful APIs, and deployment strategies.