

Vanshika Vemula

6309551444 | vanshika.vemula05@gmail.com | [linkedin.com/in/vemulavanshika](https://www.linkedin.com/in/vemulavanshika) | github.com/Vanshikavemula

CERTIFICATIONS

Coursera Certifications

Online Learning Platform

Remote

- Completed technical courses in web development, data science, and cloud computing, enhancing practical skills through hands-on projects and assessments.

Microsoft Certifications

Microsoft Learning Platform

Remote

- Earned industry-recognized credentials in Microsoft technologies, demonstrating proficiency in Azure cloud services, data analytics, and software development tools.

EDUCATION

GITAM University

BTech in Computer Science

Yendada, Visakhapatnam

Sept. 2022 – July 2026

Sri Chaitanya Junior College

Intermediate Study - AP Board

Ramataalkies Rd, Visakhapatnam

Apr. 2020 – May 2022

Sri Chaitanya Techno School

SSC - AP Board

MVP Sector 1, Visakhapatnam

Mar. 2020

PERSONAL DETAILS

Current Location: Visakhapatnam

Date of Birth: 16th September, 2005

Gender: Female

Languages known: Telugu, English, Hindi, German - Beginner level.

Hobbies: Drawing and listening to music, Beginner level Guitar, Reading novels in mystery-thriller genre.

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS

Frameworks: React, Node.js, React Native, Next.js

Databases: MongoDB, SQL

Developer Tools: Git, VS Code, PyCharm

Libraries: pandas, NumPy, Matplotlib

EXPERIENCE

PwC Switzerland Power BI Job Simulation on Forage.

March 2025

PwC

Remote

- Strengthened Power BI skills by creating dashboards that conveyed KPIs and met client needs with well-designed solutions.
- Analyzed HR data focused on gender KPIs, identifying imbalance causes, and provided actionable insights to engagement partners through concise communication.

Road Safety Hackathon by Unstop

Jan 2025

Unstop

Remote

- Designed Smart FOBs with universal accessibility features including solar-powered escalators and AI traffic flow analysis.
- Created gamification elements with interactive LED pathways and QR-code reward systems to encourage pedestrian safety.

Agnirva Space Internship Program

Oct 2024 – Dec 2024

Agnirva Space

Remote

- Conducted research on satellite technologies, planetary science, and interplanetary exploration.

- Collaborated with experts in aerospace engineering and astrophysics to enhance problem-solving skills.

Participated in Smart India Hackathon 2024 [↗](#)

3rd Sept, 2024 – 4th Sept, 2024

GITAM UNIVERSITY

24hrs

- Worked on a problem statement (PS-1641) to create an **Annual Report Portal** for institutes, integrating departmental reports into a centralized system.
- Our team secured a position in the **Top 3 finalists**, showcasing innovative problem-solving and effective project execution.

WoodPecker Hackathon by Unstop [↗](#)

July 2024

Unstop

Remote

- Developed an AI-powered chat interface leveraging Large Language Models (LLM) to query internal databases.
- Integrated voice-to-text recognition and contextual awareness features enabling non-technical users to access relevant information, with our team being shortlisted and qualifying for the 2nd round of the competition.

Virtual Internship with SkillsBuild & IBM Cloud Platform [↗](#)

3rd June, 2024 – 1st July, 2024

Edunet AICTE

Remote

- Selected for an internship focusing on emerging technologies (AI & Cloud) and completed masterclasses led by Subject Matter Experts.
- Developed skills in data analytics, chatbot development, and machine learning by engaging in real-world problem-solving.

Web Development Virtual Internship at CodSoft [↗](#)

1st June, 2024 – 30th June, 2024

CodSoft

Remote

- Hands-on experience in front-end and back-end development resulting in skills in HTML, CSS, and JavaScript.
- Gained proficiency in frameworks like React and Node.js through real-world projects.

American Express Makethon 2024 [↗](#)

May 2024

American Express

Remote

- Developed FinQuest, a financial literacy platform enabling users to navigate virtual financial scenarios with personalized guidance.
- Created an intuitive dashboard for real-time monitoring of income, expenses, investments, and debts.

Participated as a member in Unit XVI of NSS [↗](#)

4th Mar, 2024 – 10th Mar, 2024

MPP School

Chinnagadili, Visakhapatnam

- Contributed to a Special Camp Programme on Computer Literacy by Gitam University, educating children on tech literacy.
- Engaged students in interactive sessions including workshops on safety measures for girls.

Educators Escort for Edu Youth Meet'24 [↗](#)

Jan. 2024

GITAM University

Yendada, Visakhapatnam

- Interacted with VIPs, demonstrating excellent interpersonal skills and strong communication abilities.
- Acquired valuable guidance and information from industry leaders and enhanced networking skills.

PROJECTS

Portfolio website | HTML, CSS [↗](#)

Dec 2024

- Developed a basic Portfolio website using Front End Languages which includes my **information, skills, projects and contact details**

NextGen Insights | MERN, HTML, CSS, SQL, MongoDB, Python, API, IBM Cloud, AWS

July 2024

- Built a chat interface with LLM for data retrieval, using voice-to-text and NLP.

Orya | HTML, Tailwind CSS [↗](#)

July 2024

- Developed a professional website as a CTO for a freelancer web designer, providing a platform for potential clients to connect for business opportunities.

FinQuest | React Native, Node.js, Python(MERN Stack)

May 2024

- Created a financial literacy game with MERN stack, featuring virtual characters and a finance dashboard.

Annual Report Portal (SIH'24) | Next.js, React, Node.js, MongoDB [↗](#)

Sept 2024

- Developed a system for managing academic reports with user roles and automated data visualization.

Interactive UI creation | HTML and CSS [↗](#)

July 2024

- Developed a travel destination website using front-end technologies, featuring interactive UI and curated travel recommendations.