

# Musham Vikas

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## BIO

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Computer Science undergraduate at SR University with hands-on experience in building real-world, web applications, and startup-style prototypes. Skilled in front-end development, system workflows, and UI/UX design, with a strong interest in product development, public-impact technology, and scalable software solutions. Passionate about learning by building and solving practical problems through technology.

## WORK EXPERIENCE

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**AICTE–Eduskills (Remote Internship) — AI/ML Intern** July 2024 — Sept 2024

- Built and evaluated ML models on real-world datasets.
- Explored Generative AI, NLP, and Computer Vision workflows.
- Practiced effective remote collaboration and documentation.

## PROJECTS

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**RailMitra — Smart Railway Assistance Platform** Project Link

*Startup Project / Web Application (Prototype) / 2025*

Designed and developed a prototype web platform that connects railway passengers with verified on-station assistants for luggage handling, language support, and seat escorting, focusing on safety, accessibility, and improved travel experience.

- Implemented PNR-based booking workflow using demo train data for passenger onboarding
- Built role-based dashboards for Passenger, Assistant, and Admin users
- Designed real-time booking lifecycle: Pending → Accepted → In Progress → Completed
- Added OTP verification and emergency helpline flow for passenger safety
- Created assistant verification pipeline with admin approval
- Simulated payment split logic between assistants and platform

**Tech:** HTML, CSS, JavaScript, UI/UX Design, Lovable AI (Prototype), REST API (Mock)

**Role:** Idea Owner, Product Designer & Front-End Developer

**Dhaara Garments — Clothing Brand & E-commerce Platform** Website Link

Modern clothing brand website featuring product showcase, clean UI, and responsive design. Built using HTML, CSS, and JavaScript, cloud and full functional website

**GlobalX — Innovation & Scaling Platform** Portfolio Link

Modern website with professional animations, blog, and contact modules. Built with HTML, CSS, JavaScript.

**Tic-Tac-Toe AI — Minimax Algorithm**

Built an unbeatable AI using the Minimax algorithm with Alpha-Beta Pruning. Achieved a 100% win rate against random and greedy strategies; improved understanding of game theory and search algorithms.

## Clothing Store Website — Front-End E-commerce

[Project Link](#)

Responsive e-commerce front-end with interactive features and dynamic data rendering. Built with HTML, CSS, and JavaScript. Used Git for version control.

## EDUCATION

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2023 — 2027	B.Tech in Computer Science, <b>SR University, Warangal</b>	(CGPA: 8.2/10)
2023	CBSE Class 12 — <b>Narayana e-Techno School, Hyderabad</b>	(66.8%)
2020	CBSE Class 10 — <b>Greenwood High School, Warangal</b>	(82%)

## ACHIEVEMENTS & CERTIFICATES

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### Strategy Consulting Job Simulation — Forage (Accenture)

[View Certificate](#)

Completed a hands-on strategy consulting simulation involving project prioritization, plan assembly, user journey redesign, impact assessment, outcomes analysis, and error resolution. Gained practical exposure to real-world consulting workflows.

### Artificial Intelligence Fundamentals — IBM SkillsBuild

[View Certificate](#)

Completed an industry-recognized certification covering AI fundamentals, including machine learning concepts, ethical AI principles, real-world AI applications, and responsible AI practices.

### CodSoft Virtual Internship in AI

[View Certificate](#)

Completed a comprehensive AI internship covering Machine Learning, NLP, and Computer Vision projects. Developed practical skills by building real-world AI solutions.

### Foundational C# with Microsoft

[View Certificate](#)

Learned core C# programming concepts including object-oriented programming, data structures, and application development using Microsoft technologies.

### Google AICTE Internship in AIML

[View Certificate](#)

Completed an AI and ML internship guided by Google and AICTE, gaining hands-on experience in machine learning models, data analysis, and end-to-end AI project development.

## SKILLS

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**Programming:** Java, Python, JavaScript, SQL, HTML/CSS

**Frameworks & Tools:** TensorFlow, Scikit-learn, Pandas, Git, GitHub, VS Code

**Office Tools:** MS Office, MS Excel, PowerPoint

**Concepts:** Data Structures, DBMS, OS

**Soft Skills:** Communication, Presentation, Teamwork, Client Interaction