BONTHA VIJAY

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Career Objective

Enthusiastic B.Tech student in Artificial Intelligence & Data Science at **VVITU Guntur**. Passionate about software development with hands-on experience building **EduSeater**, a college exam seating planner using **HTML, CSS, JS, Node.js, MongoDB**. Sharpening problem-solving and data analysis skills through coursework and hackathons. Seeking an internship to apply technical skills and contribute to real-world projects.

Education

VVITU Guntur   *Oct 2022 – Present*
BTech in Artificial Intelligence and Data Science (AIDS) - CGPA: 8.1/10.0
- **Coursework:** Machine Learning, Deep Learning, DSA, Web Development, Full Stack Development, Database Management Systems, Artificial Intelligence, Big Data Analytics

Sri Chaitanya Junior College   *Sept 2020 – May 2022*
Board of Intermediate - Percentage: 87.5%

ST ANN'S EM HIGH SCHOOL   *June 2010 – March 2020*
Boards - GPA: 10

Projects

College Exam Seating Plan Generator (EduSeater)   *EduSeater*
- Engineered an AI-driven seating system to ensure fair student distribution across exam halls.
- Implemented rule-based allocation logic using Node.js and MongoDB.
- Improved admin efficiency by 60% via live seat mapping & CSV export.
- **Tech Stack:** Node.js, Express, MongoDB, JavaScript, HTML, CSS

Task Management Web App (TO-DO List)   *TO-DO List*
- Designed an interactive task manager with UI for adding, updating, deleting tasks.
- Built backend logic with Flask and dynamic rendering with persistent storage.
- **Tech Stack:** Flask, Python, HTML, CSS, JavaScript, Bootstrap

Technologies

- **Languages:** Python, R, Java, C, JavaScript, SQL, HTML/CSS
- **Frameworks/Libraries:** Flask, Node.js, .NET, Express, Bootstrap
- **Databases:** MongoDB, SQL
- **Tools:** Git, Postman, VS Code, REST APIs

Certifications

- **CS50P: Programming in Python** — Harvard, June 2024
- **CS50X: Introduction to Computer Science** — Harvard, February 2025
- **Java Programming Fundamentals** — Universidad Galileo, May 2024
- **Python for Beginners** — Infosys Springboard, February 2024
- **Joy of Computing Using Python** — NPTEL, October 2023
- **Cloud Computing** — NPTEL, October 2024
- **Java** — NPTEL, April 2024
- **Design Thinking and Community-Based Design** — IUCEE, March 2023

Positions of Responsibility

- **Tech Lead – EduSeater (2022–Present)** – Engineered a smart exam seating system for 1500+ students.
- **IUCEE Member, VVITU (2022–Present)** – Drove tech adoption through workshops and industry sessions.
- **NSS Volunteer, VVITU (2022–Present)** – Led awareness drives on environment and digital literacy.