

BHARGAVI MANI MUTYALA

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PROFILES

[LinkedIn](#) — [LeetCode](#) — [HackerRank](#) — [GitHub](#)

EDUCATION

Shri Vishnu Engineering College for Women - Bhimavaram - 2022-2026

B.Tech. in Computer Science and Engineering with 9.01 CGPA

TECHNICAL SKILLS

Core skills : Data Structure and Algorithms, Object-Oriented Programming, Operating Systems, Machine Learning, Database Management System.

Languages : C, Java, Python, Structured Query Language.

Web Technologies : HTML, CSS, JavaScript.

Database : MySQL, MongoDB.

Tools/Platforms : Power BI, Git, Visual Studio Code, Android Studio, Jupyter Notebook.

Soft skills : Leadership skills, Critical thinking, Communication skills.

WORK EXPERIENCE

Data Visualization Intern at Infosys Springboard - Oct 2024-Dec 2024 [github](#)

Built a data visualization project using Power BI to analyze and present urban economic data sourced from Kaggle. Integrated dashboards with a Streamlit web app, enabling seamless browser-based access and interactive exploration.

Tech stack used: Kaggle, Streamlit, Power BI, Python.

Led a team of 8 to complete the project on time with the greatest efficiency.

PROJECTS

1. AI-enabled building automation system using Arduino, Fine Tree Classifier, MATLAB, ThingSpeak - [POC](#)

Developed a prototype that reduces building carbon emissions by 50% leveraging sensor data on ThingSpeak and using a machine learning model to predict optimal actuator actions, minimizing energy waste and operational costs.

2. DeskSlot using Python, SQL, MySQL - [github](#)

Developed 'DeskSlot', a booking system that helps students easily find and reserve functional computer systems after class hours. Real-time accessibility tracking and efficient resource utilization, reducing wait times.

3. Legal awareness using HTML, CSS, JavaScript, Java, SQL, MySQL - [github](#)

Developed 'Legal Awareness', a comprehensive web application aims to educate users about various laws and legal procedures. The platform provides interactive resources, case examples, and practical guidance, enabling users to clearly understand their rights and make informed decisions with confidence.

4. GrowthBridge using Java, Firestore, Android Studio - [github](#)

Developed 'GrowthBridge', an Android application that connects visionary investors with innovative start-ups through a streamlined digital platform. The app facilitates funding opportunities, networking, and growth for entrepreneurs.

ACHIEVEMENTS

- **Finalist at L&T Techgrium 8th Edition** Selected among the top 36 from 3,000+ abstracts across India [🔗](#).
- **Smart Coder** Gold by *Smart Interviews*, for excellence in problem-solving and coding proficiency [🔗](#).
- **Third Prize Winner, APPATHON-24** Secured the 3rd place among 40+ competitive teams [🔗](#).
- **Top 25 Innovations, IDEATHON-2023** Recognized for innovation at the college-level event [🔗](#).
- **First Place, Group Discussion Competition** Organized by ISTE Student Chapter [🔗](#).
- **NPTEL Certifications** Successfully completed courses in *Java* and *Database Management Systems* [🔗](#).
- **Hackathon Participation** Contributed solutions at *Smart India Hackathon* and *Google Solution Challenge* [🔗](#).
- **HackerRank Achievement** Earned a *Gold Badge in Problem Solving* [🔗](#).