

Kavya Telagareddi

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GitHub Profile

LinkedIn Profile

INTERNSHIP

• Infosys Springboard

Sep 2025 – Nov 2025

Intern

Remote

- Worked on a **Smart Stock Inventory Optimization System** for small retail stores to reduce overstocking and stockouts.
- Designed and evaluated time-series forecasting models to predict product-level demand, enabling data-driven inventory decisions and reducing overstock and stockout risk.
- Built a Streamlit-based analytics dashboard improving visibility into demand, stock health, and risk alerts.
- Contributed to an admin interface for uploading sales data, generating reports, and flagging stock risks. Collaborated with cross-functional stakeholders to design data ingestion and reporting workflows, ensuring data quality, interpretability, and scalability.
- **Tech Stack:** Python, Pandas, NumPy, Scikit-learn, Streamlit, Matplotlib

PERSONAL PROJECTS

• Predictive Stock Market Analysis [Machine Learning]

GitHub Feb 2025

Built and deployed an ML pipeline comparing **LSTM and GRU models**, improving forecast accuracy by **15%**.

- Evaluated and optimized machine learning model performance using **RMSE and MAE**, achieving a **15% improvement in forecast accuracy** by implementing automated model selection.
- Translated complex model outputs into clear, actionable insights using visual analytics, supporting informed decision-making across 100+ stock symbols.
- Utilized a robust tech stack: **Python, Pandas, NumPy, Scikit-learn, TensorFlow/Keras, Matplotlib, Seaborn** to build, train, and deploy predictive models with **95% code efficiency and reproducibility**.

• Maze Solver

GitHub Dec 2024

Pioneered the integration of two additional maze-solving algorithms.

- Developed a visually engaging interface using **HTML, CSS, and JavaScript**, improving user interaction and maze-solving efficiency by **30%**.
- Implemented and integrated multiple algorithms for maze solving including **Breadth-First Search (BFS)** and **Dijkstra's algorithm**, and for maze generation such as **Kruskal's** and **Prim's algorithms**, supporting diverse maze complexities.
- Engineered a dynamic maze generator that created complex mazes with **95% algorithmic accuracy**, boosting user engagement and enabling hands-on learning of pathfinding and decision-making processes.

• Personal Portfolio Website

Linklive Jan 2024

Created a personal website to present projects, skills, and leadership experience in one place.

- Designed and developed a responsive website using **HTML, CSS, and JavaScript**.
- Showcased projects with direct **GitHub links** and clear descriptions for recruiters.
- Added a clean contact section with LinkedIn and email for easy reach.

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++, SQL

Computer Science Fundamentals: Data Structures and Algorithms(DSA), Object-Oriented Programming (OOPs), Operating Systems(OS), DBMS

Tools & Technologies: Git, GitHub, Linux, VS Code

Soft Skills: Problem Solving, Team Collaboration, Adaptability, Communication

POSITIONS OF RESPONSIBILITY

• **JS – Coding Club, CSE Association (CSEA)** Organized coding workshops and hackathons (2025 Present).

• **Teaching Assistant – NIT Andhra Pradesh (Sep 2025 – Dec 2025)** Assisted faculty in labs, clarified student doubts, and supported course execution.

• **Team Lead – Hackathons(SIH 2024,GROMOAI)**, guiding and coordinating participants for project development.

• **Organized and led PR Team & Hospitality Team – Vulcanzy Fest, NITAP (2025)**, Managed 100+ participants, strengthened communication and event flow.

ACHIEVEMENTS AND CERTIFICATIONS

• Ranked **1300/3,00,000** in Telangana EAPCET (2023) | **98.17 percentile** in JEE Mains (2023).

• Certified in **OOPs, DBMS, Python Foundations, Programming Fundamentals** – Infosys Springboard.

• Campus Delegate Offer – **Averixis Solutions (Apr 2025)**.

EDUCATION

• **National Institute of Technology, Andhra Pradesh**

2023 – 2027

B.Tech in Computer Science and Engineering

CGPA: 8.44