Miriyala Bindu Sravanthi

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Summary

Enthusiastic and detail-oriented Computer Science undergraduate with a strong foundation in web development, software engineering, and data-driven problem solving. Experienced in using MERN stack, Python, and SQL to build functional and scalable applications. Proven ability to work collaboratively in Agile environments and deliver quality solutions. Actively seeking internship roles such as Web Developer, Software Engineer Intern to apply technical skills and contribute to impactful projects.

Education

B.Tech in Computer Science, St. Mary's Women's Engineering College *Expected May 2026*
GPA: 8.7

Intermediate (MPC), Sri Chaitanya Junior College *2020 – 2022*
GPA: 9.6

SSC, Presidency High School *2020*
GPA: 8.6

Technical Skills

Languages: Python, JavaScript, HTML5, CSS3, SQL
Web Dev: React, MERN Stack, Node.js, Express.js, Bootstrap
Tools: Git, GitHub, VS Code, Postman, MySQL, MongoDB, Linux CLI

Experience

Angular Developer Intern – Infosys Springboard *Oct 2024 – Dec 2024*

- Developed an AI-based travel planner using Angular and Node.js with voice command features.
- Integrated Nodemailer for automated email workflows; implemented Git-based version control.
- Applied basic OWASP standards for secure frontend development.

Foundations of AI Intern – Microsoft (Edunet Foundation + AICTE) *Apr 2025 – May 2025*

- Completed a 4-week national internship in AI fundamentals and ethics.
- Built a House Price Prediction model using Python and regression algorithms.
- Explored Scikit-learn, GenAI tools, and responsible AI practices.

Projects

E-commerce Shopping Website (MERN Stack)

- Developed a full-featured e-commerce platform with user authentication, product listings, and cart functionality.
- Used MongoDB for backend data storage and React for building dynamic user interfaces.

Inventory Management System (Python, SQL)

- Built a desktop application with CRUD functionality to manage inventory, suppliers, and transactions.
- Implemented SQLite for database management and Tkinter for the user interface.

Memory Card Matching Game (HTML, CSS, JS)

- Created an interactive memory game using vanilla JavaScript and styled with CSS.
- Focused on logic building, timer functionality, and responsive layout.

Hangman, Stopwatch, and Calculator (Python / HTML, CSS, JS)

- Developed small-scale utility apps such as a terminal-based Hangman game and a web-based Stopwatch and Calculator.
- Practiced loops, event handling, DOM manipulation, and modular code organization.

Certifications & Achievements

- **Elite Certificate – Data Structures and Algorithms (NPTEL)**: Completed a rigorous 12-week course covering arrays, linked lists, recursion, trees, and dynamic programming.
- **HTML5, CSS3, JavaScript – Infosys Springboard**: Hands-on project-based course focusing on responsive design, DOM manipulation, and JS fundamentals.
- **Frontend Development - CSS – Great Learning**: Completed interactive course on Flexbox, Grid, animations, responsive layouts, and advanced styling practices.