

Tautik Venkata Siva Sai Penumudi

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Education

Bachelor of Technology in Computer Science and Engineering (Data Science),

Prasad V Potluri Siddartha Institute of Technology

CGPA - 8.52

2023 – Present

Vijayawada, India

Relevant Course

Data Structures and Algorithms | Machine Learning | Database Management Systems | Data Engineering

Projects

Static Bank Dashboard, Using HTML/CSS [↗](#)

- Developed a static, single-page landing website for a fictional bank using HTML for structure.
- Applied custom CSS styling and Flexbox to design a clean, responsive layout across devices.
- Designed and implemented custom CSS-based UI elements, such as stylized bank cards, to enhance visual appeal.
- Focused on UI/UX design principles to create an intuitive user experience.
- Built collaboratively during a mini hackathon at the institute, contributing to both design and development aspects.

Personal Portfolio Website, Using HTML/CSS/JS [↗](#)

- Developed a responsive, multi-page portfolio website using HTML for semantic structure and layout.
- Applied custom CSS styling and Flexbox to create a clean, adaptable layout across devices.
- Implemented interactive features such as an overlay video player and a JavaScript-based accordion for dynamic content display.
- Focused on visual appeal and usability to showcase personal projects and skills effectively.

Movie Rental Demo Page, Using HTML/CSS(Bootstrap)/JS [↗](#)

- Developed a responsive, multi-page movie rental website using HTML for structure and layout.
- Utilized Bootstrap components like Navbar, Cards, and Carousel to create a clean and user-friendly UI.
- Customized design elements using CSS for branding and improved visual appeal.
- Implemented basic cart functionality using JavaScript, enabling users to add and manage selected movies.

Skills

Programming Languages — C, Java, Python | **Web Development** — HTML, CSS, JavaScript, Bootstrap, Git, Github, Canva | **Database Management** — MySQL, MongoDB, CRUD | **Data Structures and Algorithms** — Strong understanding of DSA concepts and implementation using Java | **Technologies & tools** — Pandas, Numpy, Matplotlib, Seaborn, Jupyter Notebook, Google Colab, Apache NiFi, Excel, Data Parsing, Machine Learning

Certificates

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|--|---|--|
| • NPTEL: Design and Analysis of Algorithms ↗ | • edX: Encryption and Cryptography ↗ | • Google Cloud Computing Foundations Certificate ↗ |
| • NPTEL: Database Management System ↗ | • AICTE - Data Engineering Virtual Internship ↗ | |