

BALASANKULA SRIHITHA

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EDUCATION

B.Tech - Computer Science (Data Science Specialization) BVRIT, CGPA - 9.07 (2022 - 2026)
Intermediate - Vertex Junior College Percentage: 98.7% (2020-2022)

SKILLS

Technical Skills	HTML5, CSS3, JS, Java, Python, Cloud Foundations[GCP]
Tools/Libraries/Databases	React.Js, Redux, Redux Tool Kit, Node.js, SQL, Power BI
Runtime/Frameworks	Git, GitHub
Soft Skills	Teamwork, Mentorship, Adaptability, Decision-Making
Coursework	Machine Learning, Operating Systems, Computer Networks, Database

PROJECTS

Post Management Application [Nov - 2024]

- Developed a **React-based SPA** that enables users to create, view, and manage posts.
- Implemented **React Router** for seamless navigation between the **Home** and **CreatePost** pages.
- Integrated **DummyJSON API** to fetch and display posts dynamically.
- Ensured an interactive **UI** with efficient **state management** and **responsive design**.

To-Do List Application [Nov - 2024]

- Developed a **React-based To-Do List app** with **CRUD functionality** using **useState** and **useEffect**.
- Enhanced performance via **memoization** and React's **reconciliation process**.
- Integrated local storage for persistent task management.

Quality Assessor [May - July 2024]

- Developed a website that classifies fruits and vegetables as fresh or rotten using a **Convolutional Neural Network (CNN) model** with **87% accuracy**.
- Implemented the model using **TensorFlow/Keras** and built the backend with **Flask** to handle image uploads and predictions.
- Designed a responsive frontend using **HTML and CSS** to provide an intuitive user interface for **real-time freshness classification**.

CERTIFICATIONS

- Oracle Academy Java Foundations Certification** - ([link](#))
- Oracle Academy Java Fundamentals Certification** - ([link](#))
- NPTEL Programming in Java** - ([link](#))
- NPTEL Programming in Python** - ([link](#))

EXPERIENCE

Swecha - Summer of AI Internship [May - Jun 2023]

- Collected, curated, and documented high-quality Telugu language data to support the development of a **Telugu Large Language Model (LLM)**.
- Contributed to improved model accuracy by enriching the dataset with diverse and representative language inputs.
- Gained exposure to AI data pipelines and large-scale dataset preparation for **Natural language processing (NLP) tasks**.

ACADEMIC ACHIEVEMENTS

- Achieved **3rd Place** in Smart India Pre-Hackathon for an AI-driven solution.
- Shortlisted for **National-level** Smart India Internal Hackathon with a scalable tech prototype.
- Achieved **3rd Place** in Pivot Hackathon for a data-driven startup strategy.

EXTRA-CURRICULAR ACTIVITIES

- Club Lead**, English Reader's Club, BVRIT [2023 - Present]
- Project Mentor**, Failathon 2024
- Runners-Up**, Volleyball Team, BVRIT Annual Day [2023]
- Event Organizer, TechQuiz Challenge 2025**, Architected and delivered a multi-module quiz at BVRIT—designing rounds in general knowledge, current affairs, programming and logo identification, automating team assignments, and implementing time-bound rapid-fire scoring. [Aug -2024]