

Ala Sai Harsha

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TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python

Frontend Technologies: HTML, CSS, React Js, Tailwind CSS,

Backend Technologies: NodeJs, ExpressJs

DataBases: MongoDB, MySql

Web Services: REST, GraphQL

Other tools/Technologies: Postman, GIT, Figma, VSCode

Strong foundation in software engineering, algorithms, data structures, and development principles

PROJECTS

LinkTrim - URL Shortener API

May-2025 [Deployment](#)

Tech Stack : React , NodeJs , Express , MongoDB , Mongoose , JWT , NanoID

Impact: Secure and scalable Url Shortener with real-time analytics tracking

- Developed a full-stack, **production-ready URL shortener** with secure JWT authentication, per-user data isolation, and real-time analytics..
- Implemented custom aliases, detailed **click tracking**, and a modern, responsive UI
- Enhanced security with Helmet, express-validator, and robust rate limiting, ensuring safe and reliable UI.
- Centralized error handling and strong state management prevent session leakage and guarantee data integrity across user sessions.

FlavorFind - Smart Recipe Explorer

Dec-2024 [Deployment](#)

Tech Stack: React.js, React Router, Tailwind CSS, Framer Motion, Axios

Impact: Reduced API response time by 50% through **optimized API integration** , **caching strategies** and **improved UI/UX** accessibility score to 95+ and making the application **scalable** and **maintainable**.

- **Integrated Framer Motion** to create **engaging**, animated **user interfaces**.
- **Debouncing** : Implemented debounced API calls in the **search functionality** to **minimize unnecessary network requests**.
- **Caching:** Leveraged **client-side caching** (using useRef) to **reduce API response times** by up to 50%, **enhancing user experience**.
- Developed an **intuitive search experience** with an **auto-suggestion feature**, **dynamically displaying recipe suggestions** as users type, **improving search efficiency**.
- **Enhanced user experience** with step-by-step cooking guides, nutritional insights, video tutorials, and user reviews..

EduCampus

March-2024 [GitHub](#)

Tech Stack : React Js , CSS , HTML

Impact: Improved user **engagement** by 40% with a structured and **interactive UI**.

- **Purpose:** Designed and developed a responsive front-end campus portal, improving accessibility.
- **Components:** Hero, About, Campus, Contact, Footer, NavBar, Programs, Testimonials, and Title.
- **Improvements:** Responsive design with **media queries**, centralised styling.
- **Additional Features:** Designed and developed a front-end campus portal for **event highlights**.

EDUCATION

VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY (CGPA – 8.0*)

Guntur, Andhra Pradesh

Bachelor of Technology

2021 – 2025

Majors in Computer Science and Engineering

SIR CR REDDY PUBLIC SCHOOL (GRADE – 91.4%)

Eluru, Andhra Pradesh

Class XII , CBSE

2019 – 2021

SIR CR REDDY PUBLIC SCHOOL (GRADE – 81.4%)

Eluru, Andhra Pradesh

Class X , CBSE

2018– 2019

CERTIFICATIONS

Programming with JavaScript by Meta

[link](#)

Machine Learning , ML by KTH, The Royal Institute Of Technology , Sweden

[link](#)

ACHIEVEMENTS

In Top 10 % of Teams SRM-AP 24hrs Hackathon

March 2024

Story Writer , Actor for Our CSE Department (Theater's Day)

March 2024

POSITIONS OF RESPONSIBILITY

Movie Appreciation club coordinator

June 2023 - March 2024

1. Conducted and Managed 5+ Events in College
2. Conducted and Managed 4 Events in a span of 2 days

UiPath Core Member UiPath (College Team)

September - December 2024