

# 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

**Linux & DevOps:** Basic Ubuntu/Linux CLI, Bash scripting, Docker (Learning)

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

Currently learning Ubuntu/Linux fundamentals, exploring CLI commands (cd, ls, grep), Bash scripting, and VM setup.

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

## PROJECTS

### LinkTrim - URL Shortener API

March-2024 [GitHub](#)

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

**Impact:** Secure and scalable URL management system with real-time analytics tracking

- Developed and optimized a **RESTful API** in a collaborative team environment using **Node.js** and **Express** for URL shortening, **user authentication**, and **real-time analytics** tracking.
- Implemented JWT-based authentication** with **secure login** and **registration** endpoints.
- Integrated **MongoDB (Mongoose)** to **manage URL mappings** , **user data** , and **analytics tracking**.
- Engineered middleware** for **rate limiting** and **caching**, enhancing performance and ensuring **API Stability** and improving **API response time** by **40%**.

### 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

- Conducted and Managed 5+ Events in College