

Taran Mesala

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EDUCATION

CMR College Of Engineering and Technology

Bachelor of Technology in Computer Science with Artificial Intelligence and Machine Learning

Medchal

Oct. 2022 – 2025

EXPERIENCE

STARUPS

July 2024 – Sep. 2024

Technical Team Lead

Virtual, Hyderabad

- Led a team in developing and maintaining technical projects, including real-time collaborative platforms and chat applications, ensuring seamless user experience, responsive design, and integrating cutting-edge technologies.
- Enhanced backend performance and scalability using **Node.js** and **Express.js**, and deployed applications via **Cordova**, and **Vercel**, improving deployment efficiency by 30%.
- Managed comprehensive testing efforts for frontend and backend, ensuring platform reliability and quality, while overseeing DevOps pipelines for automated deployment, continuous integration, and feature delivery.
- Collaborated with the team to design innovative programs and visualization tools, while ensuring successful deployment, testing, and scaling of features within project timelines and objectives.

PERSONAL PROJECTS

Jan. 2024 – Present

Full-Stack Engineer

Virtual, Hyderabad

- Developed various web applications, emphasizing backend architecture and API development, including a Markdown to HTML converter and a URL shortener with **in-memory storage** for quick URL mappings.
- Currently working on a MovieTracker application, which allows users to track and rate movies, and a chat application that facilitates real-time communication, enhancing user engagement through interactive features and responsive design.

PROJECTS

URL Shortener | Node.js, Express.js, Vercel, HTML, CSS, Javascript.

Sep. 2024

- Developed a URL shortener using Node.js and Express.js, providing a seamless and efficient solution for transforming long URLs into short, manageable links.
- Created a URL shortener project with an **in-memory storage solution**, allowing quick URL mappings and redirections.
- Deployed the project using Vercel, optimizing the application's performance and scalability.

Markdown Magic | Node.js, Express.js, Multer, Markdown-it, HTML, CSS.

July 2024

- Developed a Node.js application that dynamically converts Markdown files to HTML, featuring a user-friendly upload form and secure file handling using Multer.
- Integrated Markdown-it for parsing and converting Markdown content to HTML for seamless display.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, TypeScript, Kotlin, EJS, YAML

Frameworks: Angular, Node.js, Express.js, Bootstrap5, SASS, TailwindCSS, Socket.io, Firebase

Databases: MongoDB, Firebase

Developer Tools: Git, GitHub, VS Code, IntelliJ, Eclipse

Testing Tools: Jest, JSDOM, Mocha, Chai, Supertest, Cypress

Cloud Services: AWS S3, AWS

Deployment Platforms: Vercel, Netlify, Cordova

CI/CD Tools: GitHub Actions, CI/CD

Soft Skills: Team leadership, problem-solving, communication, project management

RESPONSIBILITIES

EXECUTIVE BOARD MEMBER | ENTREPRENEURS CLUB CMRCET

DEC. 2023 - JULY 2024

TECHNICAL TEAM LEAD | STARUPS

SEP. 2024 - PRESENT