

Yeturi Trilochan Sashank

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Summary

Results-driven Full-Stack Developer with hands-on experience in the MERN stack and Python frameworks (FastAPI, Django). Adept at building, deploying, and maintaining scalable web applications from concept to production. Passionate about writing clean, modular code, solving complex problems, and mentoring peers in agile environments.

Experience

Software Engineer Trainee

July 2024 – Present

ImaginXP - College Dekho (Girnarsoft Edu Pvt Ltd)

Hyderabad, India

- Developed and maintained scalable, high-performance UI components using React.js for enterprise applications.
- Integrated third-party and internal REST APIs, managing complex data flows with modern state management tools.
- Managed foundational backend logic using Node.js, performing database querying and performance optimization tasks.

FutureTech Fellowship

Dec 2023 – July 2024

NSE TalentSprint

Hyderabad, India

- Engineered and deployed multiple full-stack projects using the MERN stack, enhancing developer productivity.
- Mentored peers in advanced debugging techniques, Data Structures and Algorithms (DSA), and UI/UX design.
- Architected projects with a strong emphasis on robust code structure and modular, reusable design patterns.

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, Python, Java (Basic), HTML5, CSS3
- **Frontend:** React.js, Next.js, Tailwind CSS, Bootstrap, Context API, Responsive UI/UX
- **Backend:** Node.js, Express.js, FastAPI, Django, RESTful API Design
- **Databases:** MongoDB, MySQL, SQL, NoSQL
- **Tools & Platforms:** Git, GitHub, Docker (Familiar), Vercel, Streamlit Cloud, Postman, Linux (WSL)

Projects

Real Estate Listing Platform – Next.js, Express.js, MongoDB Atlas, React-Admin

A full-stack property listing website with a functional admin panel for content management. Deployed and live. ([Live Demo](#))

Image-to-PDF Converter – FastAPI, Python, HTML, CSS, JavaScript

A high-performance utility to convert multiple images into a single PDF, leveraging a Python backend. ([Live Demo](#))

Automated Test Creator App – Python, Streamlit

A deployed web app empowering educators to generate customizable academic tests from various topics. ([Live Demo](#))

Full-Stack Code Editor – React, Node.js, Express, MongoDB

An in-browser code editor with multi-language support, real-time preview, and code download functionality. ([GitHub](#))

MERN E-Commerce Site – React, Node.js, Express, MongoDB

A complete e-commerce platform featuring product catalogs, user authentication, and a shopping cart. ([GitHub](#))

Education

Master of Technology in Computer Networks and Information Security

Sreenidhi Institute of Science and Technology

- Publication: "Student Engagement Prediction in Online Session," IJRTICC, DOI: 10.17762/ijritcc.vlli2.6108

Graduated 2023

Hyderabad, India

Bachelor of Technology in Electronics and Instrumentation

Keshav Memorial Institute of Technology

Graduated 2019

Hyderabad, India