

Yeturi Trilochan Sashank

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Professional Summary

M.Tech qualified Software Engineer with a focus on **Network Security** and **Full Stack Architecture**. Currently operating as a Technical Trainer Developer, bridging the gap between theoretical concepts and production-grade software. Proven experience in building scalable applications using **Python (FastAPI/Django)** and **React**, with a strong interest in **Cloud (Azure)** and **Automated Workflows**. Seeking to leverage background in engineering and instruction to deliver robust software solutions.

Technical Skills

- Core Languages:** Python (Advanced), JavaScript (ES6+), TypeScript, SQL, Java.
- Web Frameworks:** React.js, Next.js, FastAPI, Django, Node.js, Express.js.
- Cloud & DevOps:** Azure (Fundamentals), Docker, CI/CD Concepts, Git/GitHub Actions, Linux (WSL).
- Databases:** PostgreSQL, MongoDB, MySQL.
- Tools:** Postman, Vercel, Streamlit, VS Code Extensions.

Education

Master of Technology in Computer Networks and Information Security <i>Sreenidhi Institute of Science and Technology</i>	2021 – 2023 <i>Hyderabad, India</i>
• Publication: "Student Engagement Prediction in Online Session," IJRTICC (Machine Learning Application).	
Bachelor of Technology in Electronics and Instrumentation <i>Keshav Memorial Institute of Technology</i>	2015 – 2019 <i>Hyderabad, India</i>

Experience

Technical Trainer & Developer <i>ImaginXP - College Dekho</i>	July 2024 – Present <i>Hyderabad, India</i>
• Automation Engineering: Designed and implemented a Python-based automation tool to streamline internal academic grading workflows, reducing manual data entry effort by 40%.	
• Technical Instruction: Mentoring cohorts in Full Stack Development (MERN), conducting daily Code Reviews and debugging sessions to resolve logic errors in React and Node.js applications.	
• Curriculum Maintenance: managing version control and documentation for curriculum codebases, ensuring alignment with modern industry standards (Docker, Microservices).	
FutureTech Fellow (Full Stack Trainee) <i>NSE TalentSprint</i>	Dec 2023 – July 2024 <i>Hyderabad, India</i>
• Engineered and deployed a Full-Stack Code Editor using React.js and Express, featuring real-time preview capabilities and secure code execution.	
• Mastered agile development practices, participating in sprint planning and peer programming sessions to solve algorithmic challenges.	

Key Engineering Projects

Real Estate Listing Platform – *Next.js, MongoDB, RBAC*

[\[Live Demo\]](#)

Architected a property listing engine featuring JWT authentication and Role-Based Access Control (RBAC) for admin management. Optimized database queries for fast content loading.

High-Performance Image Converter – *FastAPI, Python*

[\[Live Demo\]](#)

Built a high-concurrency backend service to convert multiple image formats into PDFs. Deployed on cloud infrastructure with a focus on low-latency response times.

Automated Test Generation Suite – *Python, Streamlit, AI Logic*

[\[Live Demo\]](#)

Developed a web application empowering educators to generate customizable academic tests. Integrated logic to randomize questions and output formatted results automatically.

Full-Stack Code Editor – *React, Node.js, Sandbox Execution*

[\[Source Code\]](#)

An in-browser IDE supporting multi-language syntax highlighting and secure code execution in a sandboxed environment.