

Yeturi Trilochan Sashank

sashankyeturi6@gmail.com | +91 7207615297 | [linkedin.com/in/trilochan-sashank-yeturi](#) | [sashank.yeturifamily.com](#)

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

2021 – 2023

Sreenidhi Institute of Science and Technology

Hyderabad, India

- **Publication:** "Student Engagement Prediction in Online Session," IJRTICC (Machine Learning Application).

Bachelor of Technology in Electronics and Instrumentation

2015 – 2019

Keshav Memorial Institute of Technology

Hyderabad, India

Experience

Technical Trainer & Developer

July 2024 – Present

ImaginXP - College Dekho

Hyderabad, India

- **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)

Dec 2023 – July 2024

NSE TalentSprint

Hyderabad, India

- 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 – <i>Next.js, MongoDB, RBAC</i>	[Live Demo]
<i>Architected a property listing engine featuring JWT authentication and Role-Based Access Control (RBAC) for admin management. Optimized database queries for fast content loading.</i>	
High-Performance Image Converter – <i>FastAPI, Python</i>	[Live Demo]
<i>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.</i>	
Automated Test Generation Suite – <i>Python, Streamlit, AI Logic</i>	[Live Demo]
<i>Developed a web application empowering educators to generate customizable academic tests. Integrated logic to randomize questions and output formatted results automatically.</i>	
Full-Stack Code Editor – <i>React, Node.js, Sandbox Execution</i>	[Source Code]
<i>An in-browser IDE supporting multi-language syntax highlighting and secure code execution in a sandboxed environment.</i>	