

# 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

<b>Real Estate Listing Platform</b> – <i>Next.js, MongoDB, RBAC</i>	<a href="#">[Live Demo]</a>
<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>	
<b>High-Performance Image Converter</b> – <i>FastAPI, Python</i>	<a href="#">[Live Demo]</a>
<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>	
<b>Automated Test Generation Suite</b> – <i>Python, Streamlit, AI Logic</i>	<a href="#">[Live Demo]</a>
<i>Developed a web application empowering educators to generate customizable academic tests. Integrated logic to randomize questions and output formatted results automatically.</i>	
<b>Full-Stack Code Editor</b> – <i>React, Node.js, Sandbox Execution</i>	<a href="#">[Source Code]</a>
<i>An in-browser IDE supporting multi-language syntax highlighting and secure code execution in a sandboxed environment.</i>	