Srikrishna Nutalapati

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Summary

Final-year Computer Science student with production experience building **business applications** serving **50K+ users** at MetLife. Skilled in full-stack development (**React**, **Node.js**) and **microservices architecture**. Proven track record with multiple hackathon wins and **measurable impact** in system optimization and **business process automation**.

Education

B.Tech in Computer Science & Engineering (IoT)   **2022–2026**
R.V.R & J.C College of Engineering, Guntur   *CGPA: **9.08**/10.0*

– **Relevant Courses:** Data Structures & Algorithms, Operating Systems, Distributed Systems, Database Systems, Computer Networks, Software Engineering, **Web Services**, **System Design**.

Experience

MetLife GCC   **Feb 2025 – August 2025**
Software Engineering Intern   *Noida, India*

– Engineered and deployed a **customer support chatbot** serving **50K+** insurance customers using AI integration and optimized REST APIs; improved query resolution by **20%** and reduced response time by **35%**.
– Boosted developer productivity by **25%** by designing **Backstage** DevX plugins in **TypeScript** to automate **business workflows** and internal processes.
– Reduced deployment times by **40%** by orchestrating **CI/CD** pipelines with **Docker** and **Jenkins**; improved system reliability to **99.9%** uptime.
– Designed and maintained **15+ REST APIs** handling **10K+** daily requests with **99.9%** uptime; implemented JWT authentication and input validation for enterprise security.

Projects

AI Startup Success Platform (GitHub) — Next.js, Node.js, Kafka, Redis, MySQL   **Jul 2025**

– Architected a **distributed, event-driven** backend using **microservices** with **Apache Kafka** and **Redis** caching for **99.9%** availability, serving **1000+** concurrent users and reducing system response time by **40%**.
– Owned end-to-end lifecycle: **system design**, secure REST APIs in **Node.js**, containerized deployment with **Docker**, achieving **99.9%** uptime.
– Implemented **JWT-based authentication** and input validation securing APIs for **scalable user management** and **business process integration**, supporting **1000+** daily active users.

Advanced UI Workflow (GitHub) — React.js, FastAPI, Konva.js, WebSockets,RAG Model   **Sep 2025**

– Developed an **enterprise-grade conversational design intelligence system** that transforms natural language conversations into professional wireframes and interactive prototypes, achieving **95%** validation score.
– Implemented **real-time collaboration** via WebSockets with multi-user editing and FastAPI backend; built React frontend with **Konva.js canvas** for advanced wireframe editing capabilities.
– Integrated **multi-model AI inference** using HuggingFace APIs with fallback system, enabling seamless design workflow automation and reducing prototype generation time by **60%**.

Achievements & Leadership

- **1st Place – Techolution Hackathon.V1 2025:** Won first place among **all participants**; achieved **95%** validation score with AI-powered enterprise solution.
- **1st Place – 24-Hour NRI Hackathon (Top 0.8%):** Led team to victory among **119 teams** with AI-powered business solution; delivered functional prototype within **24 hours** under pressure.
- **Man of the Event & 3rd Place – MetLife Code Challenge:** Top individual performer among **60+ participants** in business application development; recognized for exceptional technical skills.
- **Runner-Up – TECHTREK 2k25:** Achieved top **2%** ranking among **100+ competitors** in full-stack development competition.
- **Technical Leadership:** Led ISRO workshop (**100+ students**); organized Web Battle (**150+ teams**) and CISSOI 2024 hackathon (**25+ teams**).

Technical Skills

- **Languages:** Java, JavaScript, TypeScript, Python
- **Core CS:** Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks
- **Frontend:** React, React Native, Next.js, HTML/CSS
- **Backend & Integration:** Node.js, Express.js, REST APIs, Microservices, Backstage
- **Databases & Messaging:** PostgreSQL, MongoDB, MySQL, Redis, Apache Kafka
- **Cloud & DevOps:** Docker, Jenkins, Git, CI/CD, Linux/UNIX