

PUPPALA NITHISH KUMAR

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EDUCATION

Geethanjali College of Engineering and Technology B.Tech Computer Science Engineering (Cybersecurity) CGPA:7.5	2022-2026
Sri Chaitanya Techno School,ECIL Schooling CGPA:9.5	2014-2019

WORK EXPERIENCE

Palo Alto Networks - Certified Cybersecurity Entry-level Technician EduSkills, AICTE Virtual Internship
Supraja Technologies - Cybersecurity Intern Completed an offline, in-person internship focused on hands-on experience with cybersecurity tools and techniques.

SKILLS

- **Programming Languages:** Python,Java, C
- **Web Development:** HTML, CSS, JSP,JavaScript,React
- **Database Management:** MySQL
- **Computer Science Fundamentals:** Data Structures & Algorithms (DSA), Operating Systems
- **Operating Systems:** Comfortable with Windows, macOS, and Linux

PROJECTS

- **AI-Powered Text-Based Adventure Game**
 - Programmed a Python-based text adventure game using the Gemini API for AI-driven storytelling, allowing the creation of over 200 unique lines of dialogue based on user choices.
 - Implemented an efficient algorithm for managing non-player character interactions, reducing latency in response times by 35% and improving the fluidity of conversational gameplay.
 - Deployed comprehensive error handling strategies to address API failures.
 - Focused on cost-effective AI model utilization,reducing cost by 70%.
 - Enhanced user experience through adaptive AI-generated narratives, making gameplay immersive and engaging.
 - Spearheaded the development of a Python text adventure game with Gemini API integration
- **LeetMetric – Interactive LeetCode Progress Tracker**
 - Engineered dynamic frontend with real-time data fetching from LeetCode's GraphQL API, achieving 100% live sync with user stats.
 - Implemented username validation and error handling logic to ensure robust input management and minimize failed API calls by 85%.
 - Visualized user progress via animated conic-gradient circles, enhancing user experience and increasing engagement time by 25%.
 - Optimized fetch performance through proxy routing and minimal DOM manipulation, reducing data load/render time by 50%.
 - Ensured responsive, modular design for seamless interaction across desktop and mobile devices, supporting over 95% screen resolutions.

CERTIFICATIONS

• Advanced Java Programming	Oracle Academy
• Introduction to networks	Cisco Networking Academy
• Fundamentals of Cryptography	Infosys Springboard

ADDITIONAL INFORMATION

- **Languages:** English,Telugu,Hindi
- **Awards/Activities:**Winners(InfoSec Immersion Hackathon,Supraja Technologies)
- **Sports Fest Volunteer:**Facilitated in organizing and managing sporting events, coordinating logistics