Srisha G

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Introduction

Enthusiastic BE student with a foundation in cloud computing, Cyber Security, data structures, and distributed systems. Skilled in building secure, scalable applications and managing cloud infrastructure, with experience in authentication and threat detection. Passionate about full-stack development and creating robust systems.

Technical Skills

- **Programming Languages:** Java, Python, Solidify
- **Web Technologies:** HTML, CSS, JavaScript, React.js, express.js, node.js.
- **Others**: Git, Docker, MySQL, Flask, MongoDB, Postman, Metamask, Ganache, Remix IDE, Web3

Education

R.M.K. Engineering College, BE in Computer Science   Oct 2023 - Present
- CGPA: 7.27 (as in the fourth semester)

Experience

Software Intern, Trios Technologies Pvt Ltd   June 2024 - July 2024
- Developed and deployed data-driven solutions in Python using NumPy, Pandas, and Scikit-learn, and created interactive dashboards with Matplotlib and Seaborn to deliver actionable insights and enhance decision-making.

Full Stack Intern, LaunchED Global Pvt Ltd   March 2025 - April 2025
- Developed an AI-powered excuse generator with realistic, context-aware excuses with automated proof like documents, screenshots, logs, fake alerts, multilingual apologies, voice/text input with history tracking.

Blockchain Intern, DLK Software Solutions   June 2025 - July 2025
- Deployed Ethereum smart contracts in Solidity with MetaMask integration and local testing on Ganache. Showcased full-stack understanding of smart contracts, blockchain deployment, and Web3 connectivity.

Projects

Flight Ticket Booking and Management System
- Developed a Java-based Flight Ticket Booking System using OOP principles to enable domestic flight booking, flight search, and PNR-based ticket retrieval. Integrated exception handling, collections, and Scanner-based user input handling for a seamless experience.
- Tools Used: IntelliJ IDEA / Eclipse

Zero-Knowledge Proof (ZKP) Based Authentication System
- Developed a Zero-Knowledge Proof (ZKP) authentication system using the Schnorr Protocol for secure, passwordless login, preventing credential leaks and brute-force attacks. Integrated encryption, role-based access control, and optional blockchain support for decentralized identity verification.
- Tools Used: Python, JavaScript, Flask, HTML/CSS, Schnorr Protocol

AI-Powered Intelligent Excuse Generator
- Designed an AI-powered Excuse Generator that creates context-aware excuses with automated proof like screenshots, documents, and location logs. Features include fake emergency alerts, multilingual apologies, excuse ranking with history tracking, and voice/text input for a user-friendly experience.
- Tools used: Python, Flask, MongoDB, OpenAI API, Postman, and VS Code.

Blockchain-Based Counter using Solidity
- Developed and deployed an Ethereum smart contract in Solidity using Remix IDE, tested locally with Ganache, and integrated with MetaMask to simulate secure transactions and demonstrate decentralized deployment

workflows.
- Tools used: Solidity, Remix IDE, MetaMask, Ganache, Web3.

Certificates

- NIIT's Career Catalyst-Java Foundation Program.
- Launched Global's Artificial Intelligence.
- Infosys Springboard on Java SE 8 Features, Java Programming Fundamentals, Java Language Features, Software Engineering and Agile software development, Database Management System part 1 & 2 and Essentials of Cloud Computing, Python with Data Science.
- Infosys Springboard on Communication to Succeed and Email Writing Skills.
- Pantech e Learning Pvt Ltd's Machine Learning.
- Magic Bus-Connect with Work program for Soft Skills.
- MongoDB & ICT Academy Skillathon 2025's 13 Badges.

Soft Skills

- Communication Skills
- Emotional Intelligence & Socio-emotional Skills
- Teamwork & Collaboration
- Adaptability & Flexibility
- Problem-Solving & Critical Thinking
- Time Management & Organization
- Leadership & Decision-Making
- Creativity & Innovation
- Work Ethic & Professionalism
- Active listening & Behaviourial
- Compassionate communication & Digital Skills