MACHA SUJAY

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PROFESSIONAL SUMMARY

Computer Science Engineering student with hands-on experience in building full-stack web applications and interactive dashboards. Skilled in Front-End Development using React.js, Tailwind CSS, and JavaScript, and familiar with backend technologies like Node.js and Express.js. Experienced in integrating RESTful APIs, handling JSON data, and implementing basic cybersecurity measures such as AES encryption. Passionate about creating responsive, user-friendly applications with modern UI/UX principles. Highly adaptable, quick learner, and driven to expand expertise in web development, APIs, and system security.

SKILLS

- **Web Development**: HTML, CSS, JavaScript, Tailwind CSS, Responsive Design, Node.js (learning), Express.js (beginner), React.js.
- **Databases**: MySQL, NoSQL.
- **API'S and DSV:** RESTful APIs, Tableau
- **Cybersecurity**: AES Encryption, Threat Analysis, Secure Coding Practices.
- **Soft Skills**: Problem-Solving, Team Collaboration, Communication, Agile Development
  Programming Languages: Python, Java, C, C++, JavaScript.

PROJECTS

API Integration Projects – NASA Astronomy & Weather Data App (https://nasa-weather-api-project.vercel.app/)

- Developed interactive web apps using JavaScript and RESTful APIs to fetch and display real-time data from NASA and WeatherAPI.
- Parsed JSON responses and dynamically updated the UI with current weather and astronomy images, enhancing user experience.

Basic Cybersecurity Dashboard

- Built a dashboard prototype for analyzing APK files for tampering and ensuring security integrity.
- Implemented AES encryption to secure APKs and prevent unauthorized access.
- Selected for the Smart India Hackathon (SIH) at the college level for its innovative cybersecurity solutions.

CNC Cafe

- Website Link:https://cnccafe.in/
- Website Development: Designed and developed a dynamic and responsive website for Crave and Connect Cafe Hub, enhancing user engagement and online presence
- Responsive Design: Utilized React.js to create a responsive interface, ensuring seamless compatibility across various devices and screen sizes, thereby improving accessibility.

Linux File Monitoring Script

- Designing a shell script to monitor and log file system changes on Linux.
- Strengthening security audits by tracking file modifications and permissions.
- Planning to implement automated monitoring using cron jobs.
- Setting up notifications to alert users of unauthorized access attempts.

EDUCATION

Bachelor of Technology in Computer Science and Engineering Anurag University, Venkatapur, Hyderabad, Telangana June 2022 - May 2026. (CGPA-7.5)

CERTIFICATIONS

- **Tailwind CSS From Scratch | Learn By Building Projects** - Udemy
- **Introduction to MongoDB** - MongoDB University
- **Java Programming Fundamentals** - Infosys Springboard
- **Python for Beginners**: Learn Python Programming (Python 3) - Infosys Springboard