

MANIKANTARAJU VENGALARAJU

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EXECUTIVE SUMMARY

Electronics and Communication Engineering graduate with practical experience in web development, cybersecurity, and system troubleshooting. Skilled in networking fundamentals, Windows environments, and problem resolution. Highly adaptable and eager to apply technical knowledge to support IT operations and ensure efficient customer service.

EDUCATIONAL CREDENTIALS

PACE Institute of Technology & Sciences | Ongole, India.

Bachelor of Technology (B.Tech) – Electronics and Communication Engineering | June 2021 – May 2025 | **70 %**

MSR Junior College | Chimakurthy, India.

Intermediate (Class 12 – MPC) | June 2019 – May 2021 | **67 %**

Vidyanikethan High School | Chimakurthy, India.

Secondary School Certificate (SSC) | June 2019 | **90 %**

TECHNICAL SKILLS

Programming Languages: C, Python, Node.js, React

Web Development: HTML, CSS, JavaScript

Database: MySQL

Cybersecurity & Blockchain: Smart Contracts,
Cyber Threat Analysis

WORK EXPERIENCE

Web Developer Intern | Codetantra

📅 *March – April 2023*

- Developed responsive web pages using HTML, CSS, and JavaScript.
- Gained experience in frontend development, UI responsiveness, and cross-browser compatibility.
- Collaborated on improving interactive user interfaces for web applications.

Blockchain & Cybersecurity Intern | 42 Learn

📅 *January – June 2024*

- Developed a voting smart contract using blockchain technology.
- Worked on secure blockchain implementation and threat mitigation techniques.
- Acquired practical experience in decentralized application security.

PROJECTS

Web based Frontend Interactive Quiz application.

- Designed and developed a quiz platform using HTML, CSS, JavaScript.
- Implemented real-time scoring, validation, and user authentication for a secure experience.
- Optimized for mobile responsiveness.

Blockchain-Based Voting System.

- Developed a smart contract to enable secure and transparent voting.
- Implemented decentralized security protocols to prevent tampering.
- Tested the system for blockchain vulnerabilities and security threats.

EfficientNet-Based 3D Indian Sign Language Recognition with Joint Gaussian Kernel Maps.

- Designed and implemented an AI-based system for real-time 3D recognition of Indian Sign Language.
- Utilized EfficientNet for high-accuracy classification and Gaussian Kernel Maps for enhanced feature representation.
- Optimized system for scalability and potential integration in customer service automation, enabling inclusive banking services for hearing-impaired customers.

CERTIFICATIONS

C Programming Certification – Codetantra

Responsive Web Development – Infosys Springboard

Python Skill Verification – HackerRank

EXTRACURRICULAR ACTIVITIES

Class Representative – Acted as a bridge between faculty and students.

Event Coordinator – Organized technical workshops, and seminars.

Sports Participation – Competed in volleyball and e-sports tournaments.

ACHIEVEMENTS

- ❑ Strong analytical and problem-solving skills in cybersecurity and blockchain security.
- ❑ Quick learner with adaptability to new technologies, frameworks, and secure IT environments.
- ❑ Proven leadership, teamwork, and communication skills from roles as class representative and event coordinator.