

HEMANTH SAYIMPU

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PROFESSIONAL SUMMARY

Dynamic and results-driven MCA candidate with expertise in full-stack web development and modern JavaScript frameworks. Demonstrated ability to build scalable web applications using React.js, Node.js, and cloud technologies. Passionate about creating user-centric solutions with clean, maintainable code. Seeking to contribute technical excellence and innovative problem-solving skills to a forward-thinking development team.

EDUCATION

Master of Computer Applications (MCA)

Andhra University, Visakhapatnam | Expected May 2026

Bachelor of Science in Computer Science

Vignan Degree College, Guntur | September 2021 | CGPA: 8.26/10.0

TECHNICAL EXPERTISE

Core Languages: JavaScript ES6+, Python, Java, TypeScript, HTML5, CSS3

Frontend Stack: React.js, Next.js, Tailwind CSS, Bootstrap, Framer Motion, Responsive Design

Backend Technologies: Node.js, Express.js, RESTful APIs, Microservices

Database Systems: MongoDB, Schema Design

Data Science: Pandas, NumPy, Scikit-learn, Matplotlib, Data Visualization

DevOps & Tools: Git, GitHub, VS Code, Postman

FEATURED PROJECTS

SkyPulse – Weather Dashboard | API Integration & UI Engineering | [\[Live Demo\]](#) | [\[GitHub\]](#)

- Integrated Open-Meteo API to deliver real-time data; 90% smaller CSS bundle and <1 s page loads
- Crafted glassmorphism UI with neon accents, fully responsive across devices
- Added global city autocomplete, 12-hour and 6-day forecasts, plus contextual weather insights
- Boosted speed via lazy-loaded assets and efficient, ES6+ DOM manipulation
- Ensured accessibility-first design: screen-reader labels, keyboard navigation, reduced-motion support

Trackle – Terminal Task Manager | Frontend Development & Local Storage | [\[Live Demo\]](#) | [\[GitHub\]](#)

- Built a cyberpunk-inspired task manager with a terminal-style interface, enhancing usability through immersive UI design.
- Implemented full CRUD operations with persistent Local Storage, ensuring data reliability across sessions.
- Strengthened security by applying input sanitization to prevent XSS vulnerabilities.
- Designed with keyboard navigation and responsive layouts, improving accessibility and user workflow.
- Optimized vanilla JavaScript architecture for maintainability, with modular code and scalable task management logic.

User Vault Authentication Service | Backend Engineering | [\[GitHub\]](#) | [\[API Documentation\]](#)

- Designed enterprise-grade RESTful microservice with Node.js/Express.js and MongoDB Atlas
- Implemented robust JWT authentication pipeline with password reset workflows and RBAC framework
- Built scalable MVC architecture with middleware abstraction and comprehensive error handling
- Integrated advanced security protocols including input sanitization, rate limiting, and bcrypt hashing
- Developed extensive API documentation with Postman and established monitoring for production readiness

CERTIFICATIONS

The Complete Web Development Bootcamp (Udemy) - **Credential**

Gained hands-on training in full-stack development, covering React, Node.js, MongoDB, and deployment strategies.

User Experience Design Essentials (Udemy) - **Credential**

User interface design principles, user research methodologies, and user engagement optimization.

ADDITIONAL INFORMATION

Languages: Telugu, Hindi, English

Interests: Open Source Contribution, Hackathons, Tech Blogging