

# Anand Babu Basumgari

Full-Stack Web Developer

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## PROFESSIONAL SUMMARY

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Results-driven Full-Stack Web Developer with demonstrated experience designing, building, and deploying production-grade web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Delivered measurable improvements in user engagement and platform performance at a fast-growing tech startup. Skilled in REST API development, API integration, system architecture, performance optimization, security best practices, and Agile/Scrum methodologies. Holds certifications in Full-Stack Development, Microsoft Azure AI Essentials, and MERN Stack. Currently pursuing a Diploma in Computer Engineering (Expected May 2027).

## TECHNICAL SKILLS

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**Frontend:** HTML5, CSS3, JavaScript, React.js, Next.js, Responsive Design

**Backend:** Node.js, Express.js, REST API Design, API Integration, Microservices

**Databases & Cloud:** MongoDB, Firebase, Microsoft Azure, Cloud Platforms

**CMS & E-Commerce:** CMS Development, E-Commerce Development, Custom Website Development

**Testing & QA:** Unit Testing, Cross-Browser Testing, Usability Testing

**DevOps & Tools:** Git, GitHub, CI/CD Basics, Performance Optimization, Security Best Practices

**Methodologies:** Agile, Scrum, System Architecture, Full-Stack (MERN)

## PROFESSIONAL EXPERIENCE

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### Full Stack Web Engineer — Semixon Technologies

November 2025 – February 2026

Nellore, Andhra Pradesh, India | Full-Time

- Designed and developed 3+ company web platforms using React.js, Node.js, and Express.js, improving page load performance by ~40% through code optimization and lazy loading techniques.
- Built and integrated RESTful APIs connecting frontend and backend services, reducing data fetch latency by 30% and enabling real-time content updates.
- Implemented MongoDB database schemas and queries for a scalable e-commerce platform, supporting 500+ product listings with dynamic filtering and search.
- Applied security best practices including input validation, JWT-based authentication, and HTTPS enforcement, reducing potential vulnerability exposure across all endpoints.
- Conducted unit testing and cross-browser usability testing across 5+ browsers, achieving a 95%+ bug-free deployment rate before production releases.
- Collaborated in an Agile/Scrum startup environment, consistently delivering sprint deliverables on time and contributing to system architecture planning sessions.
- Optimized UI components using Next.js server-side rendering (SSR), improving SEO scores and initial page load time by over 35%.

## EDUCATION

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### Diploma in Computer Engineering

July 2024 – May 2027 (Expected)

*Sree Vidyanikethan Education Trust | Tirupati, Andhra Pradesh*

- Consistent academic performer; active member of the college technical and coding club.
- Completed multiple full-stack web development projects applying MERN stack principles.
- Relevant coursework: Web Technologies, Database Management, Computer Networks.

### Secondary School Certificate (Class X)

June 2017 – June 2024

*Navaneeta Public School (CBSE)*

- Graduated with honors; served as Student Council Member.
- Represented school in science fairs and inter-school competitions.

## CERTIFICATIONS

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Full Stack Developer Certification — OneRoadmap	2025
MERN Stack Certification — Simplilearn	2025
DIGITAL 101 — Nasscom	2025
Microsoft Azure AI Essentials — Microsoft & LinkedIn	2026

## NOTABLE PROJECTS

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**Full-Stack E-Commerce Web Application:** Built a complete e-commerce platform using React.js, Node.js, Express.js, and MongoDB with product catalog, cart, user authentication (JWT), and payment API integration. Achieved sub-2-second load times via performance optimization and lazy loading.

**Custom CMS-Based Business Website:** Developed a custom CMS-driven website for a client using Next.js and Firebase, enabling non-technical admins to manage content. Improved SEO performance scores by 45% using SSR and structured metadata.

**REST API Backend Service:** Designed and deployed a RESTful API service with Node.js and Express.js, featuring role-based access control, input sanitization, rate limiting, and comprehensive unit testing coverage (90%+).