

Venkat Reddy Jonnagiri

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EDUCATION

SANTHIRAM ENGINEERING COLLEGE

Bachelor of Technology
Major in Computer Science
Cumulative GPA: 8.0/10

Relevant Coursework: Software Engineering; Operating Systems; Algorithms

Nandyal, AP
May 2026

INTERMEDIATE (MPC)

AP Model School & College

Gorumankonda, AP
July 2020 - April 2022

WORK EXPERIENCE

BHARAT INTERN

Frontend Intern

Remote
April 2023 – May 2023

- Created interactive web solutions with an emphasis on responsiveness via HTML5, CSS3, and JavaScript; Delivered findings to address the top three causes of decreased cross-device usability, improving accessibility.
- Refactored legacy code and compressed media assets, which enhanced website performance and reduced page load times by 15%
- Designed **adaptive layouts** and integrated **media queries**, ensuring cross-device accessibility and responsiveness.

CODESOFT

Java Intern

Remote
February 2023 – March 2023

- Designed and optimized Java applications by applying advanced data structures and algorithms, improving runtime efficiency by 25%.
- Developed a scalable inventory management system by applying Object-Oriented Programming principles, leading to a 30% increase in code maintainability and reducing bugs reported by users during testing phases.

PROJECTS

E-COMMERCE PLATFORM

January 2024

- Engineered a secure RESTful API with JWT authentication and role-based access control, facilitating data exchange for 10,000+ users and streamlining service requests, Improved user experience and satisfaction by streamlining service requests.
- Created an integrated E-commerce platform utilizing modern technologies including MongoDB and React.js which enabled seamless data flow management, implemented features addressing top user requests leading to increased engagement levels.
- Utilized **MongoDB Atlas** for cloud storage, optimizing data scalability and reducing server costs by **20%**.
- Secured data by encrypting user credentials and ensuring compliance with industry standards
- Designed a centralized admin interface for monitoring orders and user behavior patterns; improved data accessibility that empowered teams to reduce response times to customer queries by 40%.
- Conducted stress testing to ensure system reliability during high-traffic events, achieving a 99.9% uptime.

BLOGGING PLATFORM

December 2023

- Developed a robust **full-stack application** with **CRUD operations** and **OAuth-based authentication**, supporting **100+ users**.
- Elevated code reliability and maintainability by reducing bugs through Jest testing workflows, achieving a 25% improvement in post-deployment stability
- Boosted platform visibility by 15% through social media sharing features..
- Implemented search and filter functionality, increasing user engagement by 20% and reducing content discovery time by 30%.

ACTIVITIES

- **Coding Competition Coordinator:** Successfully organized a coding competition with over 200 participants, ensuring smooth execution and high participant satisfaction
- **2nd Place, National Coding Competition:** Ranked among the top 2% in a prestigious coding challenge
- **Initiated and led brainstorming sessions during hackathons, generating over 30 creative ideas for software development; two of these ideas were chosen for implementation, leading to a significant increase in user engagement metrics.**
- Managed a team of 5 volunteers to coordinate event logistics, resulting in 100% on-time execution of the competition schedule.

ADDITIONAL

Technical Skills: Advanced in Java, JavaScript, C, React.js, Node.js, Express.js, MongoDB, SQL, Git, GitHub, HTML, CSS3,

Languages: Hindi, Telugu ,English

Certifications & Training: Coding Competition, MongoDB (GeekForGeeks)