

IRRINKI SATISH

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Objective

Full-stack developer with expertise in web development, backend technologies, and database management. Skilled in building scalable applications and optimizing system performance. Seeking a challenging development role to apply problem-solving abilities and technical skills effectively.

Projects

Personal Finance API (Node.js & SQLite)

- Role: Backend Developer
- Responsibilities: Developed a RESTful API for tracking financial transactions, handling user authentication, and providing expense summaries.
- Problem-Solving Approach: Implemented data normalization and indexed queries to enhance efficiency.
- Impact: Managed 100+ transactions efficiently, reducing execution time by 30%.
- Collaboration: Worked independently to ensure optimal API functionality.

Twitter Clone API (Node.js & SQLite)

- Role: Backend Developer
- Responsibilities: Developed a RESTful API for a Twitter-like application, enabling users to post, like, and retweet messages. Implemented authentication and user management.
- Problem-Solving Approach: Used pagination for efficient data retrieval and optimized queries for better performance.
- Impact: Improved database response times by 40%, ensuring smooth API operations.
- Collaboration: Independently designed and developed the API.

To-Do Application (HTML, CSS, JavaScript)

- Role: Frontend Developer
- Responsibilities: Designed and implemented a to-do list application with a user-friendly UI and task management features.
- Problem-Solving Approach: Applied local storage for data persistence and optimized event handling for better performance.
- Impact: Enhanced usability and responsiveness, leading to a 30% improvement in user engagement.
- Collaboration: Developed the frontend independently.

Education

Master of Computer Applications (MCA) – B V Raju College

2023 - 2025 | CGPA: 7.4 | 70 % percentage

- Academic Achievements: First Prize in *Project Expo* (Silver Jubilee National Symposium)
- Relevant Coursework: Web Development, Database Management, Software Engineering, Cloud Computing

Technical Skills

- Programming Languages: JavaScript, Python, C (Data Structures & Algorithms)
- Frontend: HTML, CSS, JavaScript, React.js
- Backend: Node.js, Express.js, Flask
- Databases: MySQL, SQLite, MongoDB, Redis
- Cloud & DevOps: AWS (EC2, S3), Azure, Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins)
- Testing Frameworks: Jest, Mocha, Chai, Postman (API Testing)
- Version Control & Collaboration: Git, GitHub, Agile/Scrum, Jira
- Software Development Practices: Microservices architecture, Containerization, Security best practices

Work Experience

Software Development Intern – V CUBE Software Solutions Pvt Ltd

March 2024 – April 2024 | Hyderabad, India

- Developed and implemented a Student Online Feedback System, integrating alumni feedback and automated attendance tracking, resulting in a 20% increase in faculty feedback response rates.
- Optimized the system to send daily automated attendance emails using Nodemailer, ensuring 100% student reach and participation.
- Enhanced database queries, improving system response time by 35% in MySQL.
- Collaborated with a team of developers to improve project efficiency and ensure seamless deployment

Certifications

- Developer Foundation Certification – GitHub, Command Line, Web Development (*NxtWave*)
- Node.js & Express.js Certification – Backend API Development (*NxtWave*)
- SQL & Database Management Certification – MySQL & SQLite (*NxtWave*)
- Responsive Web Design Certification – Flexbox & CSS Grid (*FreeCodeCamp*)
- Full-Stack Development Bootcamp – React.js, Node.js, Database Management (*NxtWave*)