

Sai Manoj Dintakurti

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EDUCATION

- **Virginia Tech** Virginia
Masters in Computer Science *August 2023 - May 2025*
- **Jawaharlal Nehru Technological University** India
Bachelor of Technology in Computer Science *August 2017 - May 2021*

SKILLS

- **Languages:** Java, Python, JavaScript, C, SQL
- **Frameworks:** Spring Framework, Spring Boot, NodeJs, Microservices, NextJS
- **Web Technologies:** React, Redux, HTML5, CSS3, Bootstrap, Freemarker, Thymeleaf, JQuery, Node.js
- **Databases:** Oracle, MySQL, SQL Server, PostgreSQL, MongoDB, cassandra
- **Cloud & CI/CD Tools:** AWS, Docker, GIT, Kubernetes JIRA, BitBucket, Postman, Gradle, Bamboo, Jenkins

EXPERIENCE

- **Digital Specialist Engineer** Hyderabad, India
Infosys Limited *September 2021 - August 2023*
 - Architected and developed highly efficient microservices architecture utilizing containerization technology, enabling seamless handling of millions of concurrent requests, resulting in a 40% reduction in response time.
 - Developed and maintained REST APIs for seamless communication between frontend and backend, resulting in a 25% improvement in website performance and a 40% increase in user engagement.
 - Implemented query optimization, decreasing retrieval time by 40%, improving database performance and data access. Secured application with Spring's security features, achieving zero breaches and ensuring data integrity
 - Consistently Optimized the codebase, eliminating redundant code by 15% and enhancing overall code quality, resulting in a significant improvement of application performance by 25%.
 - Led agile project management by expertly utilizing Jira, Bitbucket, and Git; streamlined collaboration, resulting in a 20% increase in team efficiency and on-time project delivery.
- **Software Associate** Hyderabad, India
Cognizant *May 2021 - September 2021*
 - Collaborated with a team of developers to build and enhance web applications using Java, Spring, and React, resulting in a 30% increase in application efficiency and a 25% boost in user satisfaction.
 - Created APIs to improve application functionality and performance, leading to a 20% increase in user satisfaction.
 - Designed unit testing to improve code reliability and reduce bugs in the production environment, decreasing production issues by 30%.
- **Software Development Intern** Hyderabad, India
Cognizant *October 2020 - March 2021*
 - Resolved 50+ bugs, significantly enhancing system stability and reducing issue resolution time by 20%.
 - Authored documentation for tasks and processes, ensuring clear communication and streamlined project workflows.
 - Implemented front-end pages for new features, improving user experience by 25%.

PROJECTS

- **Shopify:** Programmed and fine-tuned Shopify, an e-commerce powerhouse for thousands of products and concurrent customer traffic. Achieved 40% faster load times and cut query response times by 60%, elevating user experiences. Managed 50,000+ products, serving 10,000 customers seamlessly at once.
- **Traffic Analysis Through Digital Video Processing:** Constructed an OpenCV-powered system for precise vehicle counting via surveillance cameras. Enabled businesses to adjust operations using real-time traffic data, achieving 90%+ accuracy. Enhanced resource allocation and operational efficiency.
- **Handwritten text recognition:** Built a mobile application using tensor flow and Python which can scan handwritten text and convert it to digital text with an accuracy of 95%.

HONORS AND AWARDS

- Commended by the client for smoothly implementing CSOS, driving a 20% sales increase in controlled substances.
- Insta Rise Award: Awarded Best Employee for Timely Project Development and Deployment.
- Received a merit-based Scholarship from the Government of India, covering 100% of college fees in Bachelors.