

# Sai Manoj Dintakurti

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## SUMMARY

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Full Stack Developer with 3+ years of experience in creating scalable web applications, achieving significant performance improvements. Pursuing a Master's in Computer Science at Virginia Tech. Skilled in integrating frontend and backend technologies, reducing bug-related tickets by 80% and enhancing team productivity by 20%.

## EDUCATION

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- **Virginia Tech** Virginia  
*Masters in Computer Science* *August 2023 - December 2024*
- **Jawaharlal Nehru Technological University** India  
*Bachelor of Technology in Computer Science* *August 2017 - May 2021*

## SKILLS

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- **Languages:** Java, Python, C, Kotlin, SQL
- **Framework:** Spring Framework, Spring Boot, Spring MVC, Microservices, Spring Data JPA, Apache Struts
- **Cloud Technologies:** AWS, AWS EC2, AWS S3, VPC, Cloud storage, CLI, Docker
- **Web Technologies:** React, Redux, JavaScript, HTML5, CSS3, Bootstrap, Freemarker, Thymeleaf, JQuery
- **Tools:** GIT, JIRA, BitBucket, IntelliJ, Postman, VS Code, Android Studio, Unit Testing, NPM, Gradle

## EXPERIENCE

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- **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%.
  - Improved website navigation and user flows, reducing misdirected inquiries by 30%. Also, increased traffic to overlooked pages through strategic redesign and optimization.
  - 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.
  - Addressed customer-reported bugs through analysis of ELK logs and customer feedback. Gained around 80% reduction in bug-related support tickets, enhancing overall customer satisfaction.
  - Conducted a pivotal role in code reviews, providing constructive feedback, and maintaining code quality, which led to a 20% decrease in post-deployment defects
- **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.
  - Engaged in the complete software development lifecycle, from requirement gathering to deployment and maintenance, leading to a 20% reduction in project delivery time.
  - Created REST APIs to improve application functionality and performance, leading to a 20% increase in user satisfaction.
  - Executed code reviews and provided feedback to ensure code quality and adherence to best practices, reducing code defects by 15% and improving overall code maintainability.
  - Employed agile methodologies to manage project tasks and ensure timely delivery of project milestones, achieving a 95% on-time completion rate.

- Implemented 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%.
- Analyzed and understood a complex codebase to develop new features, contributing to a 15% increase in application functionality.
- Actively participated in 30+ scrum calls and daily stand-up meetings, improving team communication and productivity by 15%.
- Authored comprehensive documentation for tasks and processes, ensuring clear communication and streamlined project workflows.
- Designed and implemented front-end pages for new features, resulting in a 25% improvement in user experience and interface efficiency.

## PROJECTS

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- **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%.
- **Web Scraping Automation:** Designed an automated robot using UI Path Studio to efficiently extract data from web pages. This data-driven approach led to a 75% reduction in manual data collection time, significantly enhancing the website's indexing and search capabilities.

## HONORS AND AWARDS

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- 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.