

SRAVANI ARUGUNTA

Atlanta, United States

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Education

Georgia State University

Master of Science in Computer Science (GPA: 3.60 / 4.00)

Aug 2023 – Dec 2024

Atlanta, Georgia

Jawaharlal Nehru Technological University Hyderabad

Bachelor of Science in Computer Science (GPA: 3.52 / 4.00)

Aug 2019 – May 2023

Hyderabad, India

Professional Experience

Full Stack Developer

EPIC labs, GSU

Aug 2023 – Present

Atlanta, Georgia

- Crafted and deployed a responsive web application for the Political Rap Database project using **HTML, CSS, and JavaScript**, improving site performance by 30%, reducing bounce rate by 15%, and increasing mobile compatibility.
- Utilized **Git for version control**, enhancing team collaboration and reducing code conflicts by 25%.
- Boosted SEO and revamped the UX, leading to a 25% increase in user engagement and a 20% faster page load time.
- Orchestrated **unit and integration tests**, automating testing workflows and reducing **manual testing** by 50%, while improving code reliability and speeding up development by 20%.
- Partnered with cross-functional teams to integrate **Flask and MySQL** for back-end operations, improving project delivery timelines by 15% and reducing system downtime by 30%.

Data Analyst Intern

Autosavvy

Jan 2023- May 2023

Hyderabad, India

- Constructed **ETL pipelines** to automate data aggregation, cleaning, and processing from multiple sources, cutting data preparation time by 25% and improving **accuracy by 20%**.
- Leveraged **Python** to analyze data, revealing key trends that refined marketing strategies and resulted in a 15% increase in customer engagement.
- Designed dynamic dashboards in **Tableau**, enabling stakeholders to track performance metrics and improve decision-making by 25%.
- Applied **predictive models** to forecast business outcomes, boosting decision-making efficiency by 30% through data-driven insights.

Projects

AntiCB: Cyberbullying Detection | *Python, MySQL, HTML/CSS, Flask*

2024

- Developed a tweet classification model using CNN, achieving 99% accuracy, reducing false positives by 15%, and improving processing speed by 20%.
- Built a full-stack web platform with Flask and MySQL, featuring login pages and dashboards, improving system usability and engagement.

Sales Performance Dashboard | *Python, Airflow, Spark, MySQL, Tableau*

2024

- Devised a sales data analysis tool, slashing processing time by 40% and enhancing decision-making by 30% through data cleaning, querying, and visualization with Python, SQL, and Tableau.
- Automated real-time data updates using Airflow, ensuring up-to-date insights and improving data reliability.

Note-taking Application | *MongoDB, Express.js, React, Node.js*

2024

- Developed a note-taking app that enables users to create, update, and delete notes, improving data management efficiency by 40%.
- Built REST APIs to manage note data, reducing server response times by 25%.
- Designed a streamlined UI with React, increasing daily active users by 20%.

Technical Skills

Programming Languages: Python, Java, C, C#, HTML5, CSS, JavaScript, Typescript, SQL

Databases and Data tools: MySQL, NoSQL (MongoDB), Tableau, Apache Spark

Developer Tools: Git, GitHub, Microsoft Azure, VS Code, Jira

Technologies & Frameworks: .NET, React, Django, Flask, WordPress, Linux, Windows, Excel, PowerPoint

Concepts: Full-Stack Development, Machine Learning, Web Development, Database Design, Data Structures, Agile Methodologies