SIDDHANT GADE

+1 (585) 202-5565 | siddhant.gade2004@gmail.com | Rochester, NY | linkedin.com/in/siddhantgade/

Summary: RIT B.Sc. Computing Science Spring '25 graduate with an interest in software development and data science. Seeking software engineering and data analyst opportunities.

Skills:
- **Languages:** Java, SpringBoot, C#, Python, React, TypeScript, JavaScript, HTML, CSS, UNIX, GIT, C++.
- **Technologies:** Jenkins, Jira, MariaDB, Oracle Database, MySQL, Weka, Maven, MongoDB, AWS, EC2, S3 Bucket
- **IDEs:** VSCode, Visual Studio 2022, IntelliJ IDEA
- **Technical concepts:** Algorithms, Data Structures, OOPs Concepts, Big-O Notation, Software Patterns, SDLC
- **Libraries:** PrimeFaces, MUI, TailWindCSS, JUnit, Cypress, Flask

Education:

Rochester Institute of Technology	**Bachelor of Science in Computer and Information Science**	**May 2025**

Work Experience:

Emirates Airlines, Software Engineer Intern, Dubai, UAE   **May 2024 - August 2024**
- Developed live flight tracking with real-time visualization using Google Maps API and SSE Emitter.
- Contributed to AOG (Aircrafts on Ground) and FAKMS (Flyaway Kit Management System) for efficient aircraft operations.
- Built reusable React TypeScript components for flight catering, improving UX and functionality.
- Designed and implemented responsive user interfaces using Material UI and TailwindCSS.
- Integrated Google Maps API for enhanced geospatial data representation and user interaction.
- Automated CI/CD workflows using Jenkins for seamless deployment and updates.
- Received the Najm Appreciation Award for outstanding performance and contributions.

Emirates Airlines, Software Engineer Intern, Dubai, UAE   **Sept 2023 – December 2023**
- Designed and implemented a leave roster system with a streamlined, user-friendly interface.
- Developed and maintained Micro Frontends using React JS and Micro Backends with SpringBoot for high performance and reliability.
- Built an admin page for leave request approvals and rejections, adding key administrative functionalities.
- Worked closely with stakeholders to gather and analyze requirements, ensuring alignment with business objectives.
- Utilized MariaDB for efficient data management and optimized database performance.
- Automated deployment and integration processes using Jenkins for seamless CI/CD.
- Received the Najm Appreciation Award for outstanding performance and contributions.

Projects:

Interactive Web Forms Development   **JavaScript**
Designed and developed interactive web forms using JavaScript, focusing on DOM manipulation and event handling. Ensured seamless user interactions and responsiveness through optimized event-driven programming.

Dynamic Data-Driven Application   **React, API Integration, Routing**
Developed a dynamic application using React, implementing API integration and state management for real-time data updates. Applied performance optimization techniques to enhance user experience and application efficiency.

Desktop Client Application   **C#, MVC Architecture, API Integration**
Created a desktop client application using C# and the MVC architecture to consume and display web service data. Focused on structured code organization, maintainability, and cross-platform compatibility.

Data Mining and Exploratory Data Analysis   **Weka, Python Notebook**
Applied data mining algorithms such as classification, clustering, association rule mining, and anomaly detection to large datasets. Developed interactive data visualizations to facilitate exploratory data analysis. Gained hands-on experience with tools like Weka and Python Notebook, implementing solutions in business, healthcare, and transportation domains. Collaborated on a team project involving real-world data exploration, presenting findings through data-driven storytelling and analysis.

Certificates:

Najm Appreciation Award   **Summer Internship 2024 | Emirates Group IT**
Recognized for outstanding contributions and performance during the Summer 2024 internship at Emirates Group IT.

Najm Appreciation Award   **Fall Internship 2023 | Emirates Group IT**
Awarded for exceptional dedication and achievements during the Fall 2023 internship at Emirates Group IT.

React.js Essential Training   **LinkedIn Learning (2023)**
Completed an in-depth course covering the fundamentals of React.js, including component-based architecture, state management, and hooks.

AI for Everyone   **Coursera (2020)**
Gained foundational knowledge of artificial intelligence, its applications, and societal impact.

SQL for Data Science   **Coursera (2020)**
Learned essential SQL techniques for data retrieval, analysis, and manipulation in data science workflows.