**THARUN REVURI**

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# EDUCATION

* Montclair State University Montclair, New jersey 2023- 2025

**Master of Technology in Computer Science**.

* Teegala Krishna Reddy Engineering College Hyderabad, India Dec 2021

**Bachelor of Technology in Computer Science and Engineering**

# EXPERIENCE

# Full Stack Developer/ Analyst Capgemini, Hyderabad January 2022- August 2023

* Played a crucial role in a pivotal GE project dedicated to optimizing maintenance operations for Hydrogen Fuel Cell Generators, utilizing both Backend (Spring Boot) and Frontend (JavaScript, React) technologies.
* Achieved an impressive 15% enhancement in codebase quality by conducting thorough code reviews and implementing industry best practices.
* Documented comprehensive software design, architecture, and development processes, ensuring smooth knowledge transfer and long-term maintainability.
* Spearheaded continuous learning initiatives, resulting in a 9% improvement in project efficiency.
* Developed and implemented comprehensive unit test cases, ensuring thorough testing coverage and code reliability.
* Improved code efficiency through careful analysis and optimization, resulting in enhanced overall performance.
* Identified and resolved coding inefficiencies, leading to a substantial 15% increase in application performance.
* Instituted process improvements, realizing 6% faster development cycles and a marked enhancement in overall code quality.

# PROJECTS 

# Agriculture Crop SystemMarch 2022

* Implemented microservices architecture for seamless integration, enhancing project efficiency.
* Orchestrated a streamlined process using Maven for project management and Lombok for efficient Java code development.
* Pioneered the direct real-time sale of crops from farmers to vendors, eliminating intermediaries.
* Distinguished contribution in optimizing the agricultural supply chain, and simplifying processes for farmers and vendors.
* **Technology Stack:** Java, HTML, CSS, JavaScript, Angular, MongoDB, AWS

# Virtual Air Drums June 2021

* Executed a real-time drumming project for college, enhancing user engagement and experience by 15%.
* Implemented innovative features, such as responsive UI components, resulting in a 10% improvement in project functionality for educational purposes.
* Explored cloud-based architecture, achieving a 15% improvement in project scalability for potential future applications in an academic setting.
* **Technology Stack:** Python, OpenCV, PostgreSQL, HTML, CSS, JavaScript

# Class Website February 2021

* This website helps to computerize the student details, subject-related PDFs, lecturer notes, important notices, timetables, and other information regarding student activities like extra-curricular clubs and programs offered at college. So, here on this website, it is easy to access and obtain information from anywhere.
* **Technology Stack:** Core Java, MySQL, Angular, HTML, CSS, Spring Boot, Microservices.

# SKILLS

* Languages: Java, Python, SQL, JavaScript, C
* Database: MySQL, MongoDB
* Frameworks: Spring Boot, JSP, Microservices, Angular, React, Django
* Tools: Eclipse, Spring Tool Suite, Maven, Visual Studio Code, Git.
* Analytical Tools: MS Excel, MS PowerPoint, MS Word.

# CERTIFICATIONS

* AWS Certification: AWS Cloud Practitioner Certification
* Udemy: Java, Spring Boot, HTML5, MySQL.