

Rahul Ravikanti

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EDUCATION

Syracuse University - College of Engineering & Computer Science, Syracuse, NY January 2023 - Present
Master of Science in Computer Science; CGPA: 3.83/4.0
Recipient of the Excellence Scholar award, earning a 50% scholarship for outstanding academic achievements.

Sreenidhi Institute of Science and Technology - Computer Science, Hyderabad, India August 2017 - July 2021
Bachelors of Technology in Computer Science and Engineering; GPA: 3.7/4.0.
Attained a notable ranking among participants of Google Hashcode 2019, placing within esteemed top 4000 positions.

EXPERIENCE

Software Engineer Intern, Cloudscale technology – Remote May 2024 - Present

- Develop Python APIs at BlueCedar to fetch information from the UI, process data, post data back to the UI, store data, and initiate workflow steps, ensuring smooth data flow and enhancing data management.
- Leverage these APIs to automate testing processes at BlueCedar, involve steps, result in a 50% increase in efficiency, and achieve an 80% reduction in manual testing errors.

Software Engineer, Cisco Systems India Pvt. Ltd – Bengaluru, Karnataka August 2021 - December 2022

- Optimized CORE Engine development using Java to integrate regulatory protocols, streamlining operations and enhancing efficiency, reducing processing time by 40% and boosted overall system performance.
- Enhanced Cisco Commerce Workspace UI with Angular, improving user experience. Implemented ConfigUI features, boosting user engagement by 15% and reducing task completion time by 20%.
- Applied Java, Angular, MySQL, and MongoDB for the CORE and ConfigUI projects, also providing application support. Resulted in a 20% performance boost and 15% faster response times, elevating user experience.

Software Engineer Intern, Cisco Systems India Pvt. Ltd – Bengaluru, Karnataka January 2021 - July 2021

- Employed Angular to develop key features in Cisco Commerce Workspace facilitating product configuration, resulting in a 25% increase in efficiency.
- Incorporated automation frameworks - Selenium, Mockito, PowerMock, and JUnit- to perform thorough testing of ConfigUI leading to a 40% decrease in critical bugs, enhancing reliability and quality of application.

PROJECTS

Prediction of flight status using Machine Learning February 2024 - May 2024

- Led data collection efforts by gathering historical flight and weather data from APIs, ensuring robust datasets for accurate forecasting and operational insights.
- Acquired expertise in Python frameworks such as TensorFlow, Scikit-learn, and Keras for feature extraction, implementing a stacking classifier, and mastering predictive modeling and machine learning.

University Shuttle Management September 2023 - December 2023

- Implemented a secure ride request processing mechanism validating student IDs and dynamically calculating ETAs, leading to a significant 20% improvement in accuracy.
- Directed development of a high-performance Java backend for the University Shuttle System pilot program, employing Spring Boot and MySQL to efficiently handle ride requests, achieving a 30% reduction in processing times.

TECHNICAL SKILLS

- Languages: Java, Python, C, JavaScript, HTML, CSS, Bootstrap, Angular, React, XML.
- Database and servers: MySQL, MongoDB, Firebase.
- Tools and IDE's: Visual Studio Code, IntelliJ, Eclipse IDE, Maven, Git, Postman, SQL server Management Studio, Azure Data Studio, Android Studio, Docker, Kubernetes.
- Frameworks: Flask, Spring Boot, Selenium, mockito, PowerMock, JUnit.
- Libraries: Pandas, NumPy, TensorFlow, Scikit-learn.