

Nangunuri Shiva Krishna

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SUMMARY

Passionate master's student with expertise in software development who combines academic prowess with real-world knowledge. Competent with frameworks, ready to pick up new skills, active in projects, and inspiring creativity in teams.

SKILLS

SpringBoot, Spring, Bootstrap, Angular React, Spring Hibernate, ETL process, Relational Database, MySQL, PowerBI, Tableau, SQL Server, Java, Python, JavaScript, jQuery, Embedded SQL, Web Service, RESTful API, JSON, Selenium, Postman, SoapUI, Navigator, Version Control Tools, AWS.

EXPERIENCE

Junior -Developer Intern

BNP PARIBAS Sapiens February 2022 - July 2022, Mumbai, IN

- Accounted for creating JUnit test cases, utilizing Mockito for active mocking, and making sure that tests are thoroughly covered.
- To keep the codebase current and well-organized, updating the Bitbucket repository with the most recent commits.
- Improved transparency and traceability in the project environment, careful logging mechanisms in XML format are implemented. These mechanisms are used to track and manage Maven dependencies.
- Developed automated tests that provided coverage of business logic implemented in the code and improved code coverage to over 85%.

Test Analyst

July 2022 - December 2022, Bangalore, IN

- Create and maintain test documentation, including test cases, test scripts, and testing-related reports.
- Coordinate with development and infrastructure teams to set up and maintain test environments.
- Collaborate with developers, business analysts, and project managers to align testing efforts with project goals.
- Define test coverage matrices and strategies for unit testing, integration testing, and system testing.
- Utilize frameworks like Selenium or Appium to create automated test suites for web and mobile applications.

PROJECTS

Attendance Management System using Face Recognition

- Introducing an Attendance Management System fortified with advanced Face Recognition algorithms, enabling precise biometric analysis for secure and foolproof identification.
- Leveraging the potency of convolutional neural networks, the system employs intricate feature extraction mechanisms to ensure reliable and rapid facial recognition.
- The system's integration of Face Recognition technology optimizes administrative workflows by automating attendance tracking, thereby liberating resources and fostering a more efficient educational or organizational environment.

Hospital Management System

April 2023

- Introducing a comprehensive Hospital Management System with seamless DBMS connectivity, streamlining patient records, staff management, and administrative tasks.
- The system's DBMS connectivity empowers authorized users to access critical patient data, medical histories, and treatment plans in real-time, enhancing clinical decision-making and patient care.
- Through a robust database management system, this solution ensures efficient data storage, retrieval, and updates, facilitating accurate patient information management and streamlined medical processes.

EDUCATION

Masters in science

Major in Computer Information System • University Of Houston-Clear lake • Texas, USA • 2024

Bachelor of Technology

Minor in Information Technology • Jawaharlal Nehru Technological University Hyderabad • Hyderabad, INDIA • 2022

CERTIFICATIONS

Cybersecurity

Cisco

Computer Networks

VBIT

C programming with Data Structures

Chinchwad Education Institution

Python Certification

Hacker-Rank

COURSEWORK

Java

NPTEL • 2020 • Object oriented Programing

- Secured a remarkable 90% in the Java NPTEL Certification, showcasing expertise in advanced Java programming. Excelling in coursework covering OOP, data structures, algorithms, and multithreading, I've mastered creating efficient Java applications with strong error-handling skills.

INVOLVEMENT

Student Ambassador

VBIT, Hyderabad • Infosys • January 2022 - n/a

- Student Ambassador for training and placements for the Infytrq program.

IIC Coordinator

VBIT, Hyderabad • VBIT • July 2021 - April 2022

- IIC Coordinator for placement cell and research and project development.
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