VENKATA SHIVARAM DODDI

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EDUCATION

B.Tech. in Computer Science Engineering spec in Network and Security   **July 2017 – June 2021**

Vellore Institute of Technology, India (CGPA: 8.2/10)

Relevant Courses: Cyber Security, Networking Programming, Cryptography, Computer Networks, OOPs with JAVA, Data Structures, Database Management System, Software Engineering, Operating Systems, Cloud Computing, Business Communication, Fundamentals of Marketing Development.

SKILLS

- **Languages:** Python, MySQL, Java, HTML, CSS, Java Script, Software Testing, react
- **Frameworks:** Spring Framework, Spring MVC, Spring Boot, Hibernate, Junit and Microservices.
- **Tools:** IntelliJ, Eclipse, MySQL, TOAD for Oracle, Jira, Application Lifecycle Management, IBM MQ Explorer, SonarQube, Confluence, Bit Bucket, Postman, REST Client, Splunk, Jupiter Notebook, Anaconda.

WORK EXPERIENCE

Capco Technologies   **Jan 2022 - Present**
Java Backend Developer
- Working as Backend Developer in the banking and payments services industry. Skilled in Spring Framework, Spring MVC, Spring Boot, Junit and MySql.

Accenture Solutions Private Limited   **Sept 2021 – Jan 2022**
Application Development Associate
- Worked as a software tester by building test plans and test strategies during application life cycle management. Worked in command center by monitoring and managing application behavior.

Shiash Info Solutions Private Limited   **Jan 2021 – June 2021**
Intern
- Pre-processed and analyzed large amounts of raw data.
- Achieved higher accuracies of over 90% when applied various machine learning algorithms such as Decision Tree, Linear regression, KNN, and Random Forest on different healthcare datasets.
- Prepared reports through data visualization, and writing insights. Designed and built API by use of Flask.

PROJECTS

Mortgage Loan Microservice | Spring Boot | Java   **Feb 2022**
- Developed a RESTful service for Mortgage Microservice mode using java and spring boot.The API can achieve all CRUD (Http GET, POST, PUT, DELETE) features which can also handle custom exceptions and data validations.
- This REST service can connects to local H2 DB and as well as real time MySQL database where I can perform all database related quarries and also has a swagger interface to access our RESTful web services via the web browser.
- Integration test cases to test the functionality of the CRUD methods and exceptions too. This application also has a react UI where user can make API calls.

Student Feedback Mobile App| Android | Java
- This Student Feedback System project is to develop a mobile-based application which is very useful to maintain feedback reports by the administrator.   **Nov 2020**
- Which provides a classic UI and evaluates the answer given by the students based on the feedback which will be given by a number 1 to 5 and then sends a copy of those records to the faculty (Admin) and stores in firebase database.

ARP Spoofing and Cache Poisoning / Cyber Security | Python   **Aug 2021**
- ARP Poisoning (also known as ARP Spoofing) is a type of cyber attack carried out over a Local Area Network (LAN) that involves sending malicious ARP packets to a default gateway on a LAN to change the pairings in its IP to MAC address table. ARP Protocol translates IP addresses into MAC addresses.
- Because the ARP protocol was designed purely for efficiency and not for security, ARP Poisoning attacks are extremely easy to carry out as long as the attacker has control of a machine within the target LAN or is directly connected to it.

Online Food Ordering System | Web Development | HTML, CSS, JS and PHP   **Dec 2020**
- The Online Food Order System In PHP is a simple project developed using PHP, JavaScript, and CSS. The project connects different restaurants with customers. The project contains an admin(manager) and the user side.
- All the management like editing site contents, updating food items, adding restaurants, and checking order status can be managed from the admin side. There can be many managers on the site.

Library management system | DBMS | Java   **Mar 2020**
- Designed a Database Management System aimed at developing and maintaining day-to-day state of issue/discharge of books, list of staff, billing, and advance booking system.