Devi Divya Sri Perni

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Current Location: Mumbai, India | Open to relocation: Hyderabad

PROFESSIONAL SUMMARY

Software Developer with more than one year of experience at TCS, specializing in Oracle Integration Cloud (OIC), Java/MySQL troubleshooting, and middleware integrations. Skilled in backend and full-stack development (Python, Java, MERN stack, Java Servlets) with strong computer science fundamentals (DBMS, DSA, OOP). Published researcher seeking Backend or Full-Stack roles in Hyderabad.

TECHNICAL SKILLS

Programming Languages: Python, Java, MySQL

Web Development: HTML, CSS, JavaScript, Bootstrap, React, Java Servlets

Computer Science Fundamentals : Database Management Systems , Data Structures and Algorithms, Object Oriented Programming, Computer Networks

Tools/Platforms: Oracle Integration Cloud (OIC), Git, Figma

Soft Skills Technologies: Cyber Security, Machine learning, Internet of Things, UI/UX Designing

Soft Skills: Problem Solving, Self learning, Adaptability, Team Player, Communication

EXPERIENCE

TATA CONSULTANCY SERVICES
Jun 2024– present
Systems Engineer - (Role: OIC Devloper)
Mumbai,India

- ***Vertiv Digital Dashboard Services*** (Sep 2024 – Feb 2025):
- Designed and adjusted integration mappings, payloads, and control loop logic to improve data interchange across multiple systems.
- Collaborated with senior developers to optimize lookups, debug data errors, and enhance workflow stability.
- Enhanced middleware functionality by integrating Java code to run MySQL queries, ensuring efficient data processing and retrieval.
- ***Eaton Oracle Support Project*** (Apr 2025 – Present):
- Getting a foundation in production support operations and OIC tools to manage real-time business-critical procedures.
- Assisting with bug fixes and tuning of integration workflows to ensure system dependability.

AVANTEL LIMITED
Dec 2022– Jul 2023
Student Intern
Vijayawada

- Created the AODV routing protocol in MANETs, honing our knowledge of network protocols and our ability to solve problems efficiently.
- This involved designing and developing software modules to enhance network capabilities. The project implements the AODV protocol in MANETs and focuses on dynamic route creation.

CODEGNAN IT SOLUTIONS
May 2023– Jul 2023
Mern-stack Developer Intern
Vijayawada

- Acquired hands-on MERN Stack experience, by completing projects with MongoDB,Node.js and React.js, enhancing my full-stack skills.
- Developed a hospital management system that makes scheduling appointments with a variety of medical professionals simple.
- Accumulated practical work experience and developed my problem-solving and teamwork skills.

EDUCATION

Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada   **Aug 2020 – Apr 2024**
Bachelor of Technology in the branch of Information Technology   **CGPA: 9.16**

Sri Chaitanya Junior College, Vijayawada   **Jun 2018 – Apr 2020**
Board of Intermediate Education in the group of MPC   **CGPA: 9.82**

PROJECTS

DEEP LEARNING BASED INVASION DETECTION SYSTEM   **Aug 2023 - Apr 2024**

- The project uses machine learning models to construct an intrusion detection system that analyses packet information to determine if it is regular or unusual.

MOBILE BASED AUTOMATION OF ELECTRICAL APPLIANCES   **Aug 2022– Jan 2023**

- The project's goal is to conserve energy. An IoT device was built that uses Wi-Fi to control a switchboard which can be accessed via mobile devices.

ONLINE HOME-DECOR STORE USING JAVA SERVLETS   **Aug 2022– Sep 2022**

- It is an online store that sells home décor items. It uses Java servlets for the server side, MySQL as a database, and HTML, CSS, and JS for the front-end framework.

KEY LOGGER PROJECT   **Apr 2022– May 2022**

- The project intends to defend ourselves against known attackers. Once the program is installed, it captures all keystrokes on the victim machine.

RESEARCH & PUBLICATIONS

- [Mobile Based Automation of Electronic Appliances](#)   , IEEE, 2023.

- [Deep Learning-Based Invasion Detection System Enhancing Wireless Sensor Network Security](#)   , Springer, 2024.

- [A Hybrid Approach of Invasion Detection System for Advanced Security in Wireless Networks with Real-Time Threat Detection and API Integration](#)   , IEEE, 2024.

CERTIFICATIONS

Certified and Badged with Open EDG Python Institute for PCEP Certified Entry-level Python Programmer. (globally certified).

Certified and Badged with Cisco Networking Academy for CCNA- 1 Cisco Certified Network Associate.

Certified and Badged with Cisco Networking Academy for Introduction to Cyber-Security, Cyber-Security Essentials, Networking Essentials.

Certified for Full-Stack Web Development with React with Coursera