Yoshita Punnati

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PROFILE

Dedicated Software Engineer with strong expertise in web development and database management. Proficient in coding, debugging, and problem-solving, with a proven ability to translate theoretical knowledge into scalable, real-world solutions. Known for adapting quickly to new technologies and consistently delivering high-quality, maintainable code in dynamic environments.

EDUCATION

Jain University, Bangalore   2022–current
Bachelor of Technology in Computer Science and Engineering
CGPA: 9.13

EMPLOYMENT HISTORY

Intern,Up To Skills   Jan 2025 – Feb 2025
- Contributed innovative ideas and solutions to enhance team performance and outcomes.
- Developed machine learning models and algorithms for predictive analytics.

Projects

- **Data Hiding in Code-Based Steganography**: Project focused on enhancing data hiding capacity in code-based steganography. Implemented techniques to securely embed data within code without affecting its functionality. Aimed to improve the efficiency and robustness of data hiding methods.
- **Network Anomaly Detection**: Designed and implemented a real-time anomaly detection system using Isolation Forest, Autoencoders, and DBSCAN, integrated with live packet capture via PyShark. Achieved adaptive threat identification with dynamic visualization, severity-based classification, and periodic model retraining for evolving network behavior.
- **Crime Rate Prediction:** Developing a crime rate prediction system under the Project Centric Learning (PCL) program. Analyzes crime data patterns using data mining techniques for spatial crime prediction.

Skills

Languages: Python, SQL, Java, HTML/CSS

Development**:** MySQL, MongoDB, Node.js

Core concepts: Data communication and Computer networks, DBMS , OOPs, Data Structures

Operating Systems**:** Windows , Linux

Soft Skills: Communication, Collaboration, Adaptability, Decision-making

CERTIFICATIONS

- Introduction to Interactive Programming in Python- Rice University,2023
- Introduction to Generative AI - Google,2024
- NoSql database Essentials - IBM,2024
- Digital skills: Artificial Intelligence - Accenture,2025