MURALI TIRUMANI

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CAREER OBJECTIVE

Motivated MCA fresher with a strong foundation in HTML5, CSS3, and JavaScript (ES6+), seeking an entry-level frontend development role. Eager to contribute to building responsive, scalable, and user-friendly web applications using modern frameworks like React.js, while continuously learning the latest frontend technologies to deliver high-quality, efficient code.

EDUCATION

Master Of Computer Applications   2023 - 2025
B.V Raju College, Bhimavaram   CGPA -7.5/10

PROJECTS

Complaint Management System
- Developed three modules: Admin, User, and Associate with role-based access.
- Facilitated users to register complaints online and obtain solutions without office visits.
- Admin is able to register associates, and manage/view users, complaints, and solutions.
- Associates are able to reply to user complaints depending on their chosen domain (Bank or Product).
- Implemented login authentication for all roles with proper session management and validations.
- Utilized HTML, CSS, JavaScript for frontend and Java (JSP/Servlets) for backend.
- Utilized data using MySQL and created connectivity using JDBC.
- Utilized MVC architecture and used client-server model for scalable design.

Robust Malware Detection For Iot Devices Using Deep Eigenspace Learning
- Constructed a malware detection system based on deep learning to identify malware on IoT and battlefield devices using OpCode analysis.
- Transformed OpCode sequences into feature vectors and used Eigenspace and SVM classification for precise detection.
- Constructed a resistant model that can counter junk code insertion attacks as well as adversarial obfuscation strategies.
- mployed N-Gram models and NLP principles to examine network traffic patterns and malware signatures.
- Attained 99.15% accuracy in malware detection with a low false positive ratio (0.45%).
- Developed with Python, MySQL, HTML, CSS, and JavaScript for implementation and user interface.

TECHNICAL SKILLS

- **Programming language:**   Python., JavaScript,SQL
- **Data Base**:   MySQL, SQL Server (familiarity)
- **Back-End:**   Django
- **Frontend:**   HTML5, CSS3, JavaScript (ES6+), React.js
- **Version Control:**   Git, GitHub
- **Tools & Platforms:**   VS Code, GitHub, AWS (basics)
- **Build Tools:**   Webpack, Babel (basic familiarity)

SOFT SKILLS

- Team work
- Problem-solving
- Time management
- Communication skills

CERTIFICATES

- Basics of python by Infosys Springboard