JAYA SABARI R

SOFTWARE DEVELOPER

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Career Objective

Motivated computer science student seeking cybersecurity internship opportunities to apply knowledge of computer networks, operating systems, Python, and security fundamentals in identifying vulnerabilities, strengthening system defenses, and supporting secure software practices.

Education

B.E – Computer Science Engineering   **2023 − 2027**
Panimalar Engineering College   *CGPA: 8.3/10*

Higher Secondary Education (XII)   **2022 − 2023**
State Board   *Percentage: 87%*

Technical Skills

Programming Languages: Java,Python,SQL,C
Core Concepts: Data Structures, OOP, DBMS, Operating Systems
Web Technologies: HTML,CSS,JavaScript
Tools: VS Code, Jupyter Notebook

Projects

Crime Rate Prediction Using Machine Learning | *Python, Scikit-learn, Pandas, Flask, Gradio*   **2025**

- Developed a crime rate prediction system using **stacking ensemble learning** to classify crime cases as *Closed* or *Open*.
- Performed data preprocessing and feature engineering on large-scale Indian crime datasets, including temporal and categorical attributes.
- Implemented a stacking ensemble combining Random Forest, SVM, KNN, and Logistic Regression, achieving improved predictive performance.
- Built an interactive web dashboard using Flask and Gradio for crime trend visualization and real-time case status prediction.

Internship

Corizo   **Jan 2025 − Mar 2025**
Cybersecurity Intern   *Online*

- Completed a cybersecurity internship focused on understanding system security, threat analysis, and secure application practices.
- Analyzed common web and network vulnerabilities including SQL injection, XSS, and authentication flaws using practical case studies.
- Performed basic vulnerability assessment and security testing on sample applications to identify and mitigate potential risks.
- Applied cybersecurity best practices such as secure coding, access control, and data protection techniques.
- Documented findings and security recommendations following standard cybersecurity reporting practices.

Certifications & Training

AWS Cloud Practitioner– NASSCOM   **2023**
Online
Java Programming – NPTEL   **2024**
Online

Soft Skills

- ∗ Commmunication Skills.
- ∗ Leadership Skills.
- ∗ Learning Agility.