Jeyashree ks

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SUMMARY

Ambitious and forward-thinking Computer Science Engineering student with a strong drive toward Artificial Intelligence, Machine Learning, and Cybersecurity. Passionate about building intelligent systems that solve real-world problems, with hands-on experience in data analysis, intrusion detection systems, and scalable software development. Proficient in Python, data preprocessing, and model optimization, with a mindset focused on innovation, efficiency, and impact. Actively seeking opportunities to transform technical expertise into high-performance, real-world AI solutions.

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL, HTML.

Deep Learning Frameworks: Scikit-learn, TensorFlow (basic), Pandas, NumPy

Core Concepts: Data Structures, DBMS, Operating Systems, Computer Networks

PROJECTS

Intrusion Detection System using Genetic Algorithm
Machine Learning Project   *Python, Scikit-learn*
- a machine learning model to classify network traffic as normal or malicious.
- data preprocessing, SMOTE for class balancing, and feature engineering.
- Implemented Decision Tree and Random Forest algorithms for improved detection accuracy,Evaluated performance using accuracy, precision, recall, and confusion matrix.

FitFlirt – Adaptive Behavioral Fitness App
Android Development Project   *Java,Xml*
- Built a personality-driven fitness companion to increase workout adherence using emotional tone-based interactions.
- Built AI-driven trainer archetypes delivering human-like motivational feedback with BMI-based ethical goal validation.
- Designed streak tracking and adaptive challenges to improve consistency and promote healthy body image among Gen Z users.

EXPERIENCE

Software Programming Intern   June 2024
Nava Netlinks   *Tamil Nadu, India*
- Gained hands-on exposure to OOPS concepts and UML modeling.
- Learned structured software development and implementation practices.
- Demonstrated strong self-discipline and technical enthusiasm during internship.

EDUCATION

Panimalar Engineering College   Chennai
Bachelor of Engineering in Computer Science   *2023 – Currently in 3rd Year, 6th Semester*

CERTIFICATIONS

- Gold Certified in "Acquiring Data" by NASSCOM (IT-ITeS SSC), demonstrating industry-aligned data handling competency (2024).
- Presented "FitFlirt – A Selfcare Application" at the 8th International Conference (PECTEAM 2K25), showcasing innovation in behavioral fitness technology.