GANESAN K

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Bachelor of Technology   Linkedin.com/in/Ganesan-k-196100318
Adhiparasakthi Engineering College   https://github.com/Sunderpechai

Education

- Bachelor of Technology in Information Technology   *2020-2024*
  Adhiparasakthi Engineering college, Melmaruvathur, Chennai   7.98%
- HSC (2020) – Jayam Vidhyalaiya matric, hr.sec school, Dharmapuri   63.5%
- SSLC (2018) – St.Antony's matric, school, Thiruvannamalai   78%

Technical Skills

Languages: Core Java, SQL, Web Technology, HTML, Css, Hybernet
Tools: Github, Eclipse, Eclipse IDE, SQL Plus, MySQL Workbench, Visual Studio Code
Relevent Coursework: Data Structures & Algorithms, Data analysis, Machine learning algorithms, Object Oriented Programming, Database Management System, Object Oriented Analysis and Design
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

Personal Projects

Web Phishing Prediction Using Machine Learning

Objective: Developed a phishing detection model using Gradient Boosting Classifier, achieving 97.4% accuracy. Focused on minimizing false positives and improving performance with larger datasets. Proposed future enhancements for real-time detection and hybrid systems.

Technology Used: Python, Google Collab, Visual Studio Code.

Skills: Machine Learning, Data Analysis, Python Programming.

Real - Time Human Pose Detector

Objective: Built a real-time pose detection system using NVIDIA Jetson Nano and deep learning models Open Pose. Enabled accurate pose estimation and visualization for applications like healthcare and sports analysis.

Technology Used: Python, TensorFlow, OpenCV.

Skills: Deep Learning, Computer Vision, Real-Time Processing.

Certificates

- Java Full stack Development (Qspiders)
  Core Java, Advance Java, SQL, HTML, Css, Java Script, Hybernet, Springboot.
- Programming in Java (Hackerrank)
  Mastered fundamental Java syntax, proficently utilizing control flow, loop, functions, data structures and OOPs.
- Problem solving (Hackerrank)
  Practiced and learned to solve the creative problem-solving approaches.
- CCNAv7: Introduction to Networks (Cisco Networking Academy)
  Configured routers, switches, and end devices; implemented IPv4/IPv6 addressing; understood OSI layers; applied network security best practices; and performed troubleshooting in small networks.
- APEC Java (CodeChef)
  Completed all lessons and projects in Java programming.
- Internship in Network & Network Security (Prompt Infotech)
  Completed hands-on training, gained exposure to network configuration, security concepts, and troubleshooting.