PRANEETH RAM

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Portfolio | Linkedin | GitHub

EDUCATION

Annamalai University   Chidambaram, Annamalai Nagar - 608002
Computer Science Engineering B.E   November 2022 - Present
CGPA: 8.0

Velammal Vidyalaya, Paruthipattu   Paruthipattu, Avadi - 600071
Degree in Higher Secondary Education   September 2021 - May 2022
Percentage: 85%%

EXPERIENCE

Codsoft | Java Intern   Online | March 2024 - April 2024
Completed a one-month online internship at CodSoft, where I enhanced my core Java skills through hands-on projects, improving problem-solving abilities, coding efficiency, and foundational software development knowledge.

Vault Infosec | Cybersecurity   Chennai | June 2024 - July 2024
Completed a one-month cybersecurity internship at Vault Infosec in June 2024, gaining hands-on experience in vulnerability assessment, penetration testing, and ethical hacking, while strengthening practical skills and deepening interest in cybersecurity.

Approtech R&D Solutions Private Limited | ML Engineer   Chennai | june 2025 - july 2025
Completed a machine learning internship at Approtech R&D Solutions Pvt. Ltd. in June 2025, working on a Loan Prediction project with data preprocessing, feature engineering, and model development in Python and Scikit-learn, gaining hands-on experience in real-world ML applications.

SKILLS

Programming Languages:	Python, C, Java, SQL, HTML, CSS, Bash scripting, Javascript
Libraries/Frameworks:	FastAPI, Tkinter, turtle, Flask, NumPy, Matplotlib
Tools / Platforms:	Tableau, Burp Suite, Git & Github, jupyter notebook, Linux
Databases:	Oracle DB, MySQL

PROJECTS / OPEN-SOURCE

Intrusion Detection System | Link   *Snort, FastAPI, Streamlit, Python, Telegram API*
Developed a real-time intrusion detection system using Snort, with a FastAPI backend, Streamlit dashboard for live threat visualization, and Telegram bot alerts for instant notifications showcasing skills in cybersecurity, API development, and real-time monitoring.

Phishing Detection Using ML Techniques | Link   *Python, XGBoost, FastAPI, Streamlit, Pandas*
Developed a machine learningbased phishing detection system that analyzes URL features to identify malicious sites, with a Streamlit frontend and FastAPI backend for real-time predictions and user-friendly visualization.

Game Recommendation System | Link   *Python, Pandas, Scikit-learn, Streamlit*
Developed a content-based game recommendation engine using cosine similarity to suggest similar titles based on genre, platform, and publisher, with an interactive Streamlit interface highlighting skills in data processing, vectorization, and user-centric ML design.

Loan Approval Prediction using Machine Learning | Link   *Python, Pandas, NumPy, Scikit-learn, Streamlit*
Developed a machine learningbased loan eligibility prediction system with a Streamlit frontend and FastAPI backend, enabling real-time analysis of applicant data for automated, accurate loan approval decisions.

CERTIFICATIONS

- Data Visualization using Tableau - Annamalai University.
- Introduction to C++ - Simplelearn.
- Java Developer - Codsoft.
- Cloud Computing - NPTEL.
- Cybersecurity Intern - Vault Infosec.
- Cybersecurity Analysis & design - IT-ITeS Sector Skills Council NASSCOM.
- Social Network - NPTEL.
- The Complete Python Pro Bootcamp - **Udemy**
- Java Tutorial For Complete Beginners - **Udemy**
- Python Foundation - **Infosys**

HONORS & AWARDS

- Coordinated a hands-on workshop on Git & GitHub for version control and collaboration.
- Organized and led a Java programming workshop focused on core concepts and OOP.
- Conducted a workshop on Android mobile app development using Android Studio.
- Organized a coding competition to promote logical thinking and problem-solving.
- Coordinated a multi-day Linux workshop focused on command-line essentials.