Tanmay Anand

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Skills

Programming Languages:
Python, Java, JavaScript

Web Development:
HTML, CSS, JavaScript, React.js, Git, GitHub

AI/ML & Data Science:
NumPy, Pandas, Scikit-learn, TensorFlow, Neural Networks, Attention Mechanism

Data Structures & Algorithms:
Linked Lists, Trees, Graphs, Sorting, Searching, Dynamic Programming, Greedy Algorithms

Tools & Platforms:
VS Code, Jupyter Notebook, Google Colab, GitHub, ChatGPT

Soft Skills:
Problem Solving, Self-learning, Team Collaboration, Communication, Time Management

Experience

AI Intern
CodSoft | Remote | June 2025 – July 2025
- Developed **XenoTic**, an AI-powered browser-based Tic-Tac-Toe game using JavaScript.
- Implemented decision-making logic to allow users to play against an intelligent bot.
- Focused on UI/UX design to ensure a minimal and engaging user experience.

Project Intern
Personal Project | April 2025 – May 2025
- Built a **Phishing URL Detection Model** using neural networks with an attention mechanism.
- Handled data imbalance using **SMOTE** and **Focal Loss**, achieving over 80% accuracy.
- Implemented performance metrics including AUC, Precision, Recall, and F1-score.

Projects

XenoTic – AI-Powered Tic-Tac-Toe Game
CodSoft AI Internship | July 2025
- Developed a single-player web-based Tic-Tac-Toe game with an intelligent AI opponent.
- Implemented game logic and AI strategy using JavaScript.
- Designed a clean and responsive user interface with minimalistic styling.

Phishing URL Detection using Neural Networks
Academic Project | April–May 2025
- Built a phishing detection model using a neural network with attention mechanism.
- Handled data imbalance using **SMOTE**, **ADASYN**, and **Focal Loss**.
- Achieved over **80% accuracy** using a balanced dataset of 8 lakh URLs.
- Optimized threshold based on F1-score and evaluated with AUC, precision, recall.

Messaging App with End-to-End Encryption (E2EE)

Experimental Project | February 2025

- Built a TypeScript-based messaging app with secure communication features.
- Integrated basic **end-to-end encryption** logic to secure user messages.
- Focused on frontend structure and learning encryption fundamentals.

Education

Galgotias University   Computer Science · BTECH   10/6/2023 – 6/30/2027

- Core courses: Data Structures, Algorithms, Operating Systems, Computer Networks, Web Development
- Took part actively in Hackathons and events
- good overall academic performance