

LINGUTLA PRANATHI

Roll no: 126157029
Computer Science& Engineering(CSBT)
SASTRA University, Thanjavur

 Thanjavur, TamilNadu  +91 9390436743  126157029@sastra.ac.in  [GitHub](#)  [LinkedIn](#)

CAREER OBJECTIVE

To apply and enhance my software development skills through a hands-on internship, contributing to impactful real-world projects.

EDUCATION

Year	Degree/Certificate	Institute/Board	CGPA/Percentage
2022-2026	B.Tech., CSE(CSBT)	SASTRA University,Thanjavur	8.02
2022-2026	Public Policy and Management(Minor degree)	SASTRA University,Thanjavur	-
2020-2022	Board of Intermediate Education	Sri Chaitanya Junior College	98.5
2019-2020	Board of Secondary Education	Sri Chaitanya Techno School	100

PROJECTS

Blockchain based intrusion detection system([Link](#))

- Developed a Machine Learning-based Intrusion Detection System (MLIDS) with blockchain integration for secure threat logging.
- Extracted malicious IP addresses and generated a blacklist for intrusion detection.
- Deployed IDS alerts and blacklisted IPs on the Sepolia testnet using smart contracts for immutable security.
- Integrated MetaMask for blockchain transactions and authentication.
- Tools Used: MLIDS, Sepolia Testnet, MetaMask, Python, Solidity, Ethereum, Windows.

Autism Prediction([Link](#))

- Developed a machine learning pipeline to predict Autism Spectrum Disorder using demographic and behavioral screening data.
- Performed data preprocessing, feature engineering (age groups, score sums), class balancing (RandomOverSampler), and visualization.
- Trained Logistic Regression, XGBoost, and SVC models, achieving 88.4% ROC AUC with SVC.
- Tools Used: Python, Pandas, Scikit-learn, XGBoost, Imbalanced-learn, Seaborn, Matplotlib.

Portfolio website ([Link](#))

- Designed and developed a responsive portfolio website using HTML, CSS, and JavaScript.
- Showcases projects, skills, certifications, and personal information in a structured layout.
- Implemented interactive features like tab switching, hover effects, and responsive navigation.
- Focused on clean UI, mobile compatibility, and user-friendly experience.

SQL Injection ([Link](#))

- Exploited SQL Injection using SQLmap on Kali Linux to extract user data.
- Simulated unauthorized access via malicious SQL inputs in web forms.
- Secured the application using prepared statements and input validation.
- Tools Used: SQLmap, Kali Linux, MySQL, PHP/Python, Burp Suite.

Ethical hacking on Windows VirtualMachine

- Conducted enumeration, scanning, and exploitation on a Windows Virtual Machine.
- Identified user details and system vulnerabilities using ethical hacking techniques.
- Executed attacks in a controlled environment using Kali Linux tools.
- Tools Used: Nmap, Metasploit, Netcat, enum4linux, Kali Linux, Windows VM.

SKILLS

- Programming Languages : Python, C, C++, Java
- Web Development : HTML, CSS, JavaScript, Node.JS
- Database : SQL
- Technical Skills/ Academic Knowledge : DSA, OOPS, OS, Computer Networks, Linux, Machine Learning
- Tools : VS Code, Burp suite, Nmap, Metasploit, GitHub
- OS : Kali Linux

CERTIFICATIONS

- Internship Completion Certificate from YHills Edutech in the field of Cybersecurity.
- Currently pursuing a Web Development course from Udemy (in progress).
- Participation Certificate for the AI Data Analytics Hackathon 2025.
- Certifications in Artificial Intelligence stack from Infosys Springboard.