Jithendra Upendram

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EDUCATION

Bachelor of Technology in Computer Science (Cyber Security)	10/2022 – 10/2026
Amrita Viswa Vidyapeetham 🔗	Chennai, India
Intermediate Education	07/2020 – 06/2022
Sri Chaitanya College	Tirupati, India
Higher Secondary School	05/2020
Vasishta School (ICSE)	Madanapalle, India

PROJECTS

Android Malware Detection 🔗   09/2024 – 10/2024
Artificial Intelligence project that detects malware and benign applications on Android using logistic regression and classifiers, leveraging the MNIST dataset.

LUFlow Network Intrusion Detection Data Set (Python Project) 🔗   03/2024 – 04/2024
Developed a machine learning model trained on the LUFlow dataset, a flow-based intrusion detection dataset capturing real-world network traffic, including honeypot data. The model identifies patterns associated with cyberattacks and can be deployed on live networks to monitor traffic and detect security threats.

Attendance Management System 🔗   10/2023 – 11/2023
Engineered an intuitive interface in Python that enabled seamless marking of student attendance and On Duty status using MongoDB, improving data accuracy while managing classroom attendance for more than 60 students.

Bank Atm Project 🔗   03/2024 – 04/2024
Developed a comprehensive understanding of ATM systems, covering both hardware and software components. Analyzed the functional requirements (user registration, cash withdrawal, balance inquiry, fund transfer, PIN change) and non-functional requirements (performance, reliability, security, scalability, usability). Collaborated with co-partner Henry on this project.

CERTIFICATES

Pragmatic Approach to Cyber Security 🔗
This certification covers key security concepts—Network, End System, and Web Security—while offering hands-on experience with industry-standard tools to protect against evolving cyber threats.

SKILLS

Programming Languages
python, c++

Web devolopment
HTML, CSS, Node.js, React.js

Databases
MySQL, MongoDB

EXPERIENCE

FACT Amrita	01/2024 – present
Club Member	

Tata Group's Cybersecurity Analyst (Job Simulation) 🔗   04/2024 – 04/2024
Completed a job simulation involving identity and access management (IAM) for Tata
Consultancy Services, collaborating with a Cybersecurity Consulting team.