BELIDE NIKHIL CHANDAN

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EDUCATION

Amrita Vishwa Vidyapeetham   Chennai
Bachelor of Technology in Computer Science & Engineering (Cyber Security)   2022 - 2026

TECHNICAL SKILLS

Programming Languages:	Python, C++
Libraries/Frameworks:	Matplotlib, Numpy, Tensorflow, Scikit-learn
Tools / Platforms:	Google Colab, Kaggle, WireShark, BurpSuite,ZAP
Database Management:	MySQL, MongoDB

PROJECTS

Agentic Security Chatbot for Endpoint Risk Remediation (ZERA)   *september 2025*

- Built an agentic security chatbot that scores endpoint risk in real time and maps signals to MITRE ATT & CK (e.g., T1036, T1105); severity bands drive triage.

- On High severity, the LLM returns a structured JSON RemediationPlan; with user approval, an endpoint agent executes allow-listed fixes (flush DNS, kill process, Defender update/scan, clear temp).

- Added immutable audit trail (prompt $\to$ plan $\to$ actions $\to$ results) and org-scoped access with JWT.

Drug Response Prediction in Cancer Cell Lines   *November 2024*

- Developed a deep learning framework combining CNN and RNN architectures to predict cancer cell line drug responses.

- Utilized GDSC1, GDSC2, and AACR GENIE datasets integrating genomic, molecular, and clinical features.Predicted drug sensitivity metrics such as LN_IC50, AUC, RMSE, and Z-SCORE for real patient data

Phishing Email Detection using Machine Learning   *March 2024*

- Built a phishing email detection model using SVM and Random Forest classifiers to accurately identify malicious emails based on textual and metadata features.

ACHIEVEMENTS

- Participated in the IndustriAi hackathon organized by IIT Madras   January 2025

- Secured 3rd place at LAW event in Tantrostav 2024   March 2024

- Participated in Amrita Cyber Nation (ACN) Hackathon   October 2024

PUBLICATIONS

- Dimoria Speaks: A Ground-Up Approach to Sustainable Development in 1 No. Oujari and Dimoria Gaon. ICSRF 2025 — under review; publication forthcoming.

LEADERSHIP EXPERIENCE

Team Lead – Live-in-Labs, Assam (Kamrup Metro District)   *April 2025 - June 2025*

- Led an 8-member team in collaboration with NECTAR to conduct field research on farming and livelihood challenges in Dimoria Panchayat using Participatory Rural Appraisal (PRA) techniques.

Mentor at FACT Club   *Febuary 2024- Present*

- Member the FACT club gaining the knowledge about Forensics and conducted various events.
- co-ordinater of an event for Tantrostav 2025 an annual tech fest held at Amrita Vishwa Vidyapeetham, Chennai Campus.

Core Member at Tantrostav 2025 Tech Fest   *Dec 2024- Feb 2025*

- Promoted Tantrstav 2025 across multiple colleges, contributed to event organization, and actively encouraged student participation to boost engagement and visibility.

CERTIFICATIONS

- AWS Cloud practitioner - **AWS**   september 2025
- Network Security Fundamentals - **Palo Alto Networks**   April 2025