

# Vagish N Kora

📞 8073623770 ✉️ [vagishkora2003@gmail.com](mailto:vagishkora2003@gmail.com) [in LinkedIn](#) [i Portfolio](#) [GitHub](#)

Aspiring Cybersecurity Engineer | AI & ML Enthusiast

---

## Career Objective

My journey as a motivated tech enthusiast reflects a strong foundation in Computer Science and hands-on experience with Python, OpenCV, TensorFlow, and Keras, supported by practical ML and computer vision projects. My current pursuit of a B. Tech in Cybersecurity at NMAMIT highlights strong teamwork and communication skills, a passion for applying technology to solve real-world challenges, and a commitment to continuous personal and professional growth.

My focus is on applying skills in network security, ethical hacking, and threat analysis to safeguard digital infrastructure while continuously enhancing expertise in emerging cyber-defense technologies.

---

## Education

**B. Tech in CSE, Cybersecurity, NMAMIT, Udupi**

**CGPA: 6.81 Aug 2025-28**

**Diploma in CSE| NMIT Polytechnic, Yelahanka, Bengaluru**

**CGPA: 8.42| 2022-25**

**Vasavi Educational Trust VV Puram, Bengaluru (Class X)**

**68% | 2020-21**

---

## Projects

- **[Wealth Nest](#) AI-Powered Personal Finance Dashboard:**

- Developed **Wealth Nest**, a Progressive Web App that helps users track **stocks, mutual funds, expenses, and financial goals** in a single dashboard.
- Implemented **AI-based spending insights** using **Llama 3.3 via Groq API** to analyse financial patterns and provide smart recommendations.
- Built interactive financial visualizations for **income vs expense tracking and goal progress monitoring**.
- Added **gamified saving features** such as streaks, XP, and badges to encourage consistent financial habits.
- Designed a **responsive installable PWA** using **Next.js, React, Tailwind CSS, Framer Motion, Prisma, and Server Actions**.
- **Tech Stack:** Next.js, React, Tailwind CSS, Prisma, Framer Motion, Groq API (Llama 3.3), Progressive Web App (PWA)

- **Interactive Cyber-[Portfolio](#) & Tactical AI Assistant:**

- Engineered a high- performance, responsive portfolio wit a custom “cyberpunk/automotive” UI architecture using raw Tailwind CSS.
- Developed and integrated “**Tactical AI**”, a custom primed LLM Assistant using the **Google Gemini API**, capable of reading a structured JSON intelligence core to answer user queries without hallucinating.
- Designed **complex DOM manipulations including CSS-driven 3D carousels, SVG fluid wavy cursors, and matrix style typing animations**.

- **AI for Identifying Cybersecurity Threats**

- Developed a deep learning model using **Artificial Neural Networks (ANN)** to classify network traffic as **benign or malicious (DDoS, Brute Force, Infiltration)**.
- Pre-processed the **CICIDS2017 dataset**, performing feature engineering and normalization on 80+ network flow parameters to improve model convergence.
- Optimized hyperparameters to **achieve 90%+ classification accuracy**, significantly reducing false-positive rates in threat detection.
- Integrated the model into a pipeline capable of real-time traffic analysis, providing actionable insights for immediate incident response.

- **Face Recognition System:**

- Developed a **real-time face recognition** model using **OpenCV** and **LBPH**, focused on **accuracy and secure user authentication**.

- **Moving Object Detection:**

- Executed a **real-time video tracking system** using **background subtraction** and **optical flow techniques** for **dynamic object monitoring**
- 

## Experience

### FABLE | Bengaluru, Karnataka Hybrid

Jan 2025 – April 2025

- Developed interactive fiction experiences using Fable.
- Created engaging narratives and immersive storytelling elements.
- Designed branching storylines to enhance user engagement.
- Implemented AI-driven storytelling techniques for dynamic user experiences.

### KARUNADU TECHNOLOGIES PVT LTD | Bengaluru, Karnataka

Aug 2024 – December 2024

- Gained hands-on experience with data preprocessing, cleaning and analysis.
  - Exploring and implementing basic machine learning algorithms under the guidance of senior team members.
  - I learned to use tools and libraries such as Python, TensorFlow, PyQt5.
  - Collaborated with team members to identify issues and develop effective solutions.
- 

## Technical Skills & Tools

**Programming Languages:** Python, Java, C

**Machine Learning Frameworks:** TensorFlow, Keras, OpenCV, Sci-kit learn

**Web Technologies:** HTML, CSS.

**OS:** Windows, Linux

**Soft Skills:** Problem-Solving, Self-Learning, Presentation, Leadership, Adaptive learning, Team-collaboration.

---

## Certifications & Courses

- [Ethical Hacking Workshop](#) | IISC Bangalore Nov-2025
- [Hedra Blockchain Workshop](#) | NMAMIT, Nitte Oct-2025
- [Mastercard cybersecurity job simulation](#) | FORAGE Mar-2025
- [Cybersecurity Internship](#) | Edunet, AICTE Jan-2025
- [AI and data analytics focused on green skills power bi](#) | AICTE Jan 2025
- [Data Analytics and Visualization, Accenture](#) | FORAGE Jan 2025
- [Cybersecurity Analyst, Tata](#) | FORAGE Jan- 2025
- [Artificial Intelligence and Machine Learning](#) | Karunadu Technologies Pvt Ltd Aug-Dec 2024
- [TCS Ion Career Edge Young Professional](#) | TCS Dec-2024
- [TCS MasterCraft Data Plus](#) | TCS Dec-2024