

Nikhil Nambiar

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EDUCATION

- ✓ **VIT BHOPAL UNIVERSITY** Bhopal, India
Bachelor of Technology in Computer Science and Engineering (Specialization in Cyber Security and Digital Forensics) Expected June 2026
Cumulative CGPA: 7.95 / 10.0
Relevant Coursework: Network Security, Cryptography, Digital Forensics, Ethical Hacking, Secure Software Development
- ✓ **WHITEFIELD GLOBAL PU COLLEGE (Deeksha)** Whitefield, Bengaluru, India
Pre-University Course (12th Grade), PCMB Stream (Physics, Chemistry, Mathematics, Biology) Completed Apr 2022
Board: Karnataka PUC
- ✓ **DEENS ACADEMY** Whitefield, Bengaluru, India
Class 10 (CBSE Curriculum) Completed Mar 2020
Board: CBSE

UNIVERSITY PROJECTS

FACT SCAN – Fighting Fake News with Machine Learning Team Project
Developed a machine learning-based tool to detect fake news by analyzing linguistic patterns and inconsistencies. Leveraged natural language processing (NLP) techniques to extract key textual features. Collaboratively tested and compared multiple ML algorithms to optimize accuracy and reliability. Integrated real-world news verification principles to enhance practical applicability.

Animal Disease Detection Using CNN – Web-Based Disease Classification System Team Project
Contributed to the development of a web-based application for detecting livestock diseases using image classification. Designed and trained a convolutional neural network (CNN) in TensorFlow and Keras to classify diseases (Mouth/Foot Disease, Fur Issues, Healthy) with high precision. Integrated the model into a Flask-based backend while collaborating with the team to build a responsive frontend using npm and supporting tools. Ensured smooth user uploads and accurate predictions in a unified web interface.

ACTIVITIES

Ethnus Internship Training Program – AWS Cloud Foundational & Cloud architecture Online Trainee
(Ongoing) May 2025 – Present

- Undergoing hands-on training in AWS services including EC2, S3, IAM, and Lambda
- Learning to deploy scalable cloud-based applications using best practices in security and architecture

Ethnus Internship Training Program – MERN Stack Development Online Trainee (Ongoing)
May 2025 – Present

- Building full-stack applications using MongoDB, Express.js, React.js, and Node.js

CERTIFICATION

- **AWS Academy Cloud Foundations** – Amazon Web Services (Issued May 2025)
- **AWS Academy Cloud Architecting** – Amazon Web Services (Issued June 2025)
- **Foundations of Cybersecurity** - Google (coursera) (Issued March 2025)
- **NPTEL, Cyber Physical System** – NPTEL (Issued May 2024)
- **The Bits and Bytes of Computer Networking** – Google (coursera) (Issued December 2023)

SKILLS & Interests

Technical skills : Java, HTML, CSS, Javascript, Object-oriented-programming

Soft skills: Teamwork, adaptability, Fast learner

Languages : English, Malayalam, Hindi

Interests: Learning and experimenting with new tools and technology, cycling and listening to music, playing cricket.