

NATHESH PV

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<https://github.com/NATHESH6>



ABOUT ME

To launch my journey as a Web Developer Intern, I aspire to contribute to the creation of efficient, responsive, and user-friendly web applications. Additionally, I am eager to improve my skills in contemporary development frameworks, programming languages, and effective software practices.

PROJECTS

IMAGE STEGANOGRAPHY USING MODIFIED SDSA ALGORITHM

2023

- GithubLink:<https://github.com/NATHESH6/IMAGE-STEAGNOGRAPHY-USING-MODIFIED-SDSA-ALGORITHM>
- Technology :c#,vs.NET
- Overview: Steganography is the science of concealing or embedding data within a transmission medium. Its primary goals undetectability, robustness, and the capacity of the hidden data set it apart from cryptography.
- Role in Project: In this project, I took on the role of team leader and was responsible for developing the backend using C# programming, ensuring a user-friendly interface that is easy to navigate.

ANALYSIS AND PREVENTION OF AI-BASED PHISHING EMAIL ATTACKS

2025

- GitHub Repository: <https://github.com/NATHESH6/DEVELOP-AN-AI-SYSTEM-TO-IDENTIFY-AND-BLOCK-PHISHING-EMAILS> Technologies
- Used: HTML & CSS, Python Objective: To develop an AI system that can effectively identify phishing emails Goal: To create a classification system that differentiates between spam and non-spam email messages Methodology: We leverage a dataset along with the XG-Boost algorithm for spam detection, focusing on the necessity for real-time identification. Role in Project: In this initiative, I served as the team leader, overseeing the development of the frontend with HTML and CSS, and the backend using Python, XGBClassifier, Pickle, and Scikit-learn.

ACHIEVEMENT

- Soft Skills Enrichment Program by IBM ,2024
- Tech Talk on SQL by IBM ,2024
- Introduction to Artificial Intelligence,2024(Infosys Springboard)
- Fundamentals of Deep Learning,2024(NVIDIA)
- Keynote Speaker by IBM,2024
- Essentials of Cloud Computing,2025(Infosys Springboard)
- Fundamentals of Cryptography,2025(Infosys Springboard)
- Explore Machine Learning Using Python,2025(Infosys Springboard)
- Introduction to Natural Language Processing,2024(Infosys Springboard)

SOFT SKILL

- Collaboration Flexibility
- Embracing New
- Technologies Teamwork
- Problem Solving
- Effective Communication

SKILLS

- Html & CSS
- Python & Java
- MYSQL
- Computer Hardware
- VM box
- MS office
- Canva

EDUCATION

BACHELOR OF ENGINEERING

COIMBATORE INSTITUTE OF ENGINEERING AND TECHNOLOGY
CGPA-6.48

2023-2026

DIPLOMA IN COMPUTER TECHNOLOGY

KONGU POLYTECHNIC COLLEGE
Percentage-91

2020 - 2023

SECONDARY SCHOOL

SRI SAKTHI SUPREME IDEAL VIKAS
MATRIC HIGHER SECONDARY SCHOOL
Percentage-62.8

2019 - 2020

AREA OF INTEREST

- Web development
- Computer hardware
- UI designer

COURSE

completed Python Basic in
Digilabs,2024 (1 month ,online)