



BRIEF SUMMARY

Hello, I am Nehal Pawar from IT B.Tech from MIT Academy Of Engineering currently pursuing my Btech last year. I am a passionate programmer with good programming skills and have studied various programming languages such as JAVA, Python, C/C++, and have a hands-on knowledge in Web Development. I have pursued Internships in Frontend Web Development. I am always eager to learn new technologies and apply them in my semester-long projects. I have opted Cyber Security as my Open Elective. I have completed projects in the same domain and have been upgrading all skills and knowledge as per experiences.

KEY EXPERTISE

Front-End Web Development Python Cyber Security Java C++

EDUCATION

MIT Academy of Engineering, Pune

2018 - 2024

B.Tech. - Information Technology | Pursuing

Saraswati Vishwa Vidyalaya Jr. College

2018

12th | Maharashtra State Board HSC | Percentage: 60 / 100

Saraswati Vishwa Cidyalaya National School

2016

10th | SSC | Percentage: 72 / 100

INTERNSHIPS

Fortinet | IT / Computers - Software

01 Jan, 2024 - 12 Mar, 2024

Network Security Associate

Key Skills: Networking Networking Essentials Network Security Networking Fundamentals

Worked in handling Protocols, Configuring and Managing them according to the network. Used Fortinet Networking Platform for managing TCP/IP Protocols and DNS, DHCP configurations. How to create a secured network for an organization and making changes into it accordingly.

Oasis Infobyte

03 May, 2023 - 15 Jun, 2023

Web Developer

Key Skills: HTML5 CSS JScript Bootstrap

Appointed as Web Developer Intern. Tasks include connecting and coordinating guide in the company, understanding the inputs and designing and implementing the websites using all relevant skills and desirable outputs. Completing each tasks from each Level. Designing Responsive and different websites as per client inputs. Learning and upgrading new skills.

PROJECTS

Devnagari Character Recognition using Machine Learning

03 Jan, 2023 - 01 May, 2024

Mentor: Sandeep Pande | Team Size: 5

Key Skills:

Machine Learning Python Dynamic Programming Image Processing Image Segmentation Digital Image Processing
Pattern Recognition Computer Vision Deep Learning

Developed a robust machine learning model for Devanagari character recognition. Collected and preprocessed a diverse dataset of Devanagari characters, implemented state-of-the-art Convolutional Neural Networks (CNNs) for image classification, and fine-tuned hyperparameters to achieve a high accuracy rate. This project involved skills in machine learning, computer vision, data preprocessing, and model evaluation, and resulted in a functional Devanagari character recognition system with applications in multilingual text recognition and automation.

Optical Music Note Recognition

01 Aug, 2023 - 15 Dec, 2023

Mentor: Diptee Chikmurge | Team Size: 3

Key Skills:

Python Computer Vision OpenCV Jupyter Notebook Image Processing Image Segmentation
Digital Image Processing Streamlit

Optical Music Note Recognition is a project that involves using image processing and pattern recognition techniques to interpret and convert musical notes from sheet music into a digital format. The system typically employs optical character recognition (OCR) technology to analyze and identify musical symbols, notes, and other notations present on printed or handwritten sheet music. This technology enables the conversion of traditional paper-based music sheets into a digital format, facilitating tasks such as music score analysis, transcription, and integration with digital music applications.

Secure User Authentication System

03 Aug, 2023 - 05 Dec, 2023

Mentor: Sandeep Shiravale | Team Size: 3

Key Skills: Digital Forensics Java Security Authentication Encryption Decryption Hashing Algorithm

Secure User Authentication Using Hashing in Java is a project that focuses on enhancing the security of user authentication systems by implementing password hashing techniques. In this project, user passwords are not stored in their raw form; instead, they are processed through a cryptographic hash function. This process converts the passwords into irreversible, fixed-length hash values.

GUI based Encryption and Decryption using Cipher Techniques

Mentor: Sandeep Shiravale | Team Size: 4

Key Skills: Cyber-security Encryption Decryption Python Security Cryptography

A Cyber Security Project, build under the guidance of Professor Sandeep Shiravale Sir. The Project is a GUI Interface used to encrypt and decrypt message from one user to other using Public Key Cryptography method. Using this the message getting transferred is totally secure from intruders and safe from other aspects as well.

ASSESSMENTS / CERTIFICATIONS

AWS Cloud Architect

Key Skills: AWS Cloud Cloud architect

AWS Cloud Foundations

Key Skills: AWS AWS Cloud Cloud Cloud Foundations

CISCO - Cyber Security Associate

Key Skills: Cyber Security Security Associate

CISCO - Cyber Surakshit

Key Skills: Cyber-security Computer Security Network Security

Fortinet Certified Fundamentals - CyberSecurity

Key Skills: Cyber-security Security Data Security

WEB LINKS / IMs

- WhatsApp - 8605618603
- Other - [linkedin.com/in/nehalspawar962ba028b](https://www.linkedin.com/in/nehalspawar962ba028b)
- Other - <https://github.com/nehalspawar0920>
- Github - <https://github.com/nehalspawar0920>

PERSONAL DETAILS

Gender: Male

Marital Status: Single

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Moshi - PCNTDA, Pune., Pune, Maharashtra, India - 412105

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Date of Birth: 20 Sep, 2000

Known Languages: English, Hindi, Marathi

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