

# NEERAJ VISHWAKARMA

Pune, Maharashtra

☎ +91-9146484614

✉ nv4866594@gmail.com

🌐 [Linkedin](#)

🐙 [Github](#)

## EDUCATION

**D Y Patil School of Engineering**

*B.Tech - Information Technology - CGPA - 8.95*

**July 2020 – July 2024**

*Pune, India*

## COURSEWORK / SKILLS

- Web Development
- OOPS Concept
- Cyber Security
- Computer Network
- SQL(Structured Query Language)
- MongoDB
- Database Management System (DBMS)

## PROJECTS

**Employees Management System** [🔗](#) | [Front-end, React.Js, Tailwind CSS](#)

**Dec 2024**

- This project is designed to manage tasks between employees and the admin. React.js was used for development, and Tailwind CSS was employed for styling.
- The data is stored locally in the browser's Local Storage

**Prevention of SQL Injection on Website** [🔗](#) | [Front-end, Php, Database, Cybersecurity](#)

**April 2024**

- The project title is 'Prevention of SQL Injection Attack in Web Application - Employees Record Management System of IT-Marvels.' It is based on the **Cyber Security domain**.
- Our main focus is to provide a prevention and detection mechanism to secure data from one of the cyber attacks, namely SQL Injection. We aim to secure input fields on webpages from attackers.

**Encrypt/Decrypt message using Playfair Caesar Cipher** [🔗](#) | [Cybersecurity, Front-end](#)

**May 2023**

- The project focuses on cybersecurity, encrypting/decrypting messages with Playfair Caesar Cipher, and ensuring **secure message transfer with secret keys**.
- Our main focus is to convert plain text messages to encrypted format for secured message transmission.

## INTERNSHIP

**Technohacks** [🔗](#)

*Web Developer*

**15 Jul, 2023 - 15 Aug, 2023**

*Pune, India*

- As a Web Developer intern at TechnoHacks, I gained hands-on experience in HTML, CSS, and JavaScript by completing three key projects, including a simple calculator, a currency converter, and a countdown timer.
- This internship enhanced my front-end skills and taught me how to implement the logic behind project development.

**Intern Crowd** [🔗](#)

*Web Developer*

**01 Jun, 2023 - 30 Jun, 2023**

*Pune, India*

- As a Web Developer intern at Intern Crowd, I developed my skills by creating a Landing Page Design, Login/Signup forms, and a Quiz Website
- I also gained a deeper understanding of responsive design, ensuring that users can comfortably operate the websites across different device screens.

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, C, SQL, HTML, CSS, SQL

**Developer Tools:** VS Code, Eclipse IDE

**Technologies/Frameworks:** ReactJS, JQuery, Bootstraps

## CERTIFICATIONS


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**One Work Industry Institute Joint Certification Program on DataScience  03 - 07 Oct, 2023**

*Key Skills:- Machine learning, Deep learning, DataScience*

*Pune*

- Participated in a 5-day Data Science workshop at DY Patil School, Ambi, Pune, organized by Spartificial. The workshop provided hands-on experience in machine learning, deep learning, and data science, with practical applications implemented in Python.


**Machine Learning Using Python **

**03 - 17 Oct, 2022**

*Key Skills:- Python, DataScience, MachineLearning*

*Pune*

- Participated in a one-week Machine Learning workshop at DY Patil School, Ambi, Pune. The workshop provided hands-on experience with Python, focusing on data analysis and performing calculations on various datasets to interpret and analyze the results.

**Defending Digital World: A Comprehensive Guide Against SQL Injection Threats  12 Jun, 2024**

*Conference-Second International Conference on Inventive Computing and Informatics*

*Pune*

- Our research paper titled "Defending the Digital World: A Comprehensive Guide Against SQL Injection Threats", mainly discusses one of the cyber attacks on website applications through login forms, i.e., SQL Injection Attacks. The paper provides an overview of SQL Attacks, explains the need for security, and offers prevention and detection mechanisms to avoid this attack and protect data.