

Kunal Nathani

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SUMMARY

Highly skilled Full Stack Web Developer with a strong foundation in front-end and back-end development, coupled with expertise in cybersecurity. Adept at creating dynamic, responsive, and user-friendly web applications using cutting-edge technologies such as HTML5, CSS3, JavaScript, React, Node.js, and Php.. Proficient in designing and optimizing databases, APIs, and server architecture for seamless functionality.

Dedicated and motivated Cybersecurity Intern with a strong foundation in information security principles and a passion for safeguarding digital assets. Eager to contribute to a dynamic cybersecurity team, applying hands-on experience gained through coursework and personal projects. Adept at identifying vulnerabilities, implementing security measures, and staying current with emerging threats. Strong analytical and problem-solving skills combined with a commitment to continuous learning make me a valuable asset in the pursuit of a secure digital environment. Seeking an internship opportunity to further develop my cybersecurity expertise and make a positive impact on organizational security posture.

EXPERIENCE

Data Analyst

KPMG

June 2023 - July 2023

- Data Analysis: Proficient in using tools like Python, Excel for data analysis, visualization, and interpretation.
- Statistical Analysis: Strong foundation in statistical techniques, hypothesis testing, and regression analysis.
- Database Management: Skilled in SQL for data extraction, transformation, and loading (ETL) processes.
- Data Visualization: Experienced in creating interactive and informative data visualizations using tools like Tableau and Matplotlib.
- Tools: Proficient in Microsoft Office Suite, Jupyter Notebooks, and Git for version control.
- Communication: Excellent verbal and written communication skills for presenting insights and findings.

Data Analytics

Sparks foundation

January 2023 - February 2023

- Investigated large datasets to identify trends and correlations between data sets while creating dashboards to visualize findings.
- Generated statistical models to derive insights from data and examined the precision and accuracy of those models, resulting in a 35% improvement in predictive accuracy.
- Developed ETL (Extract, Transform, Load) process to process structured and unstructured data and used to create data pipelines to visualize data in effective graphical forms.

CyberSecurity

Fintech

September 2022 - October 2022

- Developed, executed, and validated security controls, such as access control and network principles to ensure protection of organizational digital and physical assets.
- Developed and implemented security policies and procedures, enhancing the organization's overall security posture.
- Conducted security awareness training for employees, reducing the likelihood of insider threats.

PROJECTS

Uniswap-2.0-clone

Associated with NEW HORIZON INSTITUTE OF TECHNOLOGY AND MANAGEMENT • April 2022 - January 2023

- Uniswap an decentralized exchange that allows users to trade cryptocurrencies without the need for a central authority or intermediary. The exchange operates on the Ethereum blockchain and uses an automated market-making (AMM) system to determine prices.
- It helps in easy and efficient exchange of the tokens, and deployed an Uniswap-2.0 clone using Solidity, Metamask, and React.js.

E Sewa Platform

K J Somaiya Polytechnic • January 2021 - April 2021

- "ESEWA" an simple donation webpage that allows users to make monetary donations to a specific cause or organization. The webpage is built using HTML, CSS, and JavaScript and backend framework.
- Custom Donation Amount: Users can enter a custom donation amount or choose from predefined donation tiers.
- Real-time Updates: The webpage displays real-time updates on the total donation amount and number of donors.
- Donor Recognition: Donors have the option to leave their name and have it displayed publicly as a recognition of their donation.
- Responsive Design: The webpage is designed to be responsive and adapt to different screen sizes, making it accessible from various devices.

Efficient Doctor Patient Portal

January 2019 - April 2019

- It offers a lot of flexibility to customize the schedule of Appointment as per your need for each medication.
 - These Web Applications can be used pretty easily as they are designed with ease of use in mind. The functionality is always kept very simple so users don't come across any difficulty in using them. The Organ donation system has a Dropdown list of organs which is easy to use just click whichever organ you want and you will get information about the organ if it is available.
 - The patient information which helps doctor to find medical history of the patient and to store it online on website. The data which is uploaded is more secure using authentication. It allows the patients to retrieve their reports from any place any time.
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EDUCATION

Bachelor of Engineering - BE, Computer Engineering

NEW HORIZON INSTITUTE OF TECHNOLOGY AND MANAGEMENT • May 2024

Diploma in Computer Engineering

K J Somaiya Polytechnic • Mumbai • 2020 • 84

CERTIFICATIONS

Fundamentals of Information Security

Udemy • 2023

Penetration testing incident response and forensics

Coursera • 2023

Build a Custom E-Commerce Site using React+JS

YouAccel • 2023

Linear regression & Logistic regression in python

Start-Tech Academy • 2023

Fastest Laravel app building trick

Udemy • 2023

Introduction to Domain Names and Web Hosting - Quick Guide

YouAccel • 2023

Google Digital Marketing & E-commerce Professional Certificate

Coursera • 2022

SKILLS

Industry Knowledge: Linear Regression, Logistic Regression, Regression Analysis, Campaign Monitor, Responsive Web Design, Front-End Development, Back-End Web Development, Web Hosting, Hosted Services, Domain Name System (DNS), XAMPP, HTML Scripting, Cybersecurity, E-Commerce, Full-Stack Development, Web Development, Digital Strategy, Online Advertising.

Tools & Technologies: SQL, Microsoft SQL Server, Oracle SQL Developer, Bootstrap,PHP, MySQL, PhpMyAdmin, CSS Flexbox, Laravel, HTML, HTML5, Cascading Style Sheets (CSS), JavaScript, JSON, React.js, Node.js,oracle.

Languages: Gujarati, Hindi, Marathi,English.