NIKHIL PATEL

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Objective: *To secure a challenging role in the field of cybersecurity where I can utilize my technical skills and knowledge to protect critical information assets. I am a highly motivated individual with a passion for cybersecurity and a commitment to staying up-to-date with the latest industry trends and best practices. My goal is to learn and grow professionally, and to make a positive impact on the security posture of the organizations I work with.*

EDUCATION

Saint Peter's University, Jersey City, New Jersey   ***Feb 2022 - Feb 2023***
> *Masters of Science in Cybersecurity*

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, India   ***Aug 2016 - Aug 2020***
> *Bachelor of Engineering in Information Technology*

TECHNICAL SKILLS

C/C++ Python, Java, JavaScript, HTML5, CSS3, Tableau, Data Structure, Spring Framework, Hibernate, Flask, MySQL, PHP, Django, Tensorflow, Git, Arduino, Unity, Android Development, MultiChain, Ethereum, TCP/IP Protocols, SQL injection, Cross Site Scripting(XSS), Forensics, Network Security, Network Protocols, Information Security, Cryptography, Encryption, Authentication, Auditing, Nessus, Snort, Vmware, Wireshark, Firewall, Router, Splunk, Malware Analysis, Risk Analysis, Intrusion Detection, Cloud Security, Encryption

EXPERIENCE

Saint Peter's University, Jersey City, New Jersey
SIEM/SOAR & Splunk Laboratory Internship I   ***Dec 2022 - Feb 2023***
- Utilized Splunk to constantly monitor system performance & generated weekly & daily dashboards to track metrics and identify improvement areas, resulting in a 10% uptick in quality assurance processes
- Identified & communicated 123 security weaknesses & risks to senior management through regular performance reports, resulting in enhanced security functionality & reduced threat of breach by 55%
- Analyzed 21 vulnerabilities and rectified potential causes, helping seniors identify areas of risk and overhaul strategies that resulted in reduced malware exposure by 27%
- Coordinated with other developers to provide timely and practical guidance on 130 user inquiries, increasing technical accuracy by 40%
- Established daily support framework of 14 guidelines to ensure efficient resolution, improving team performance and overall success rate by 35%

Saint Peter's University, Jersey City, New Jersey
Blockchain Technology Summer Intern   ***Jul 2022 – Aug 2022***
- Worked with a team to develop software that helped streamline the process for our project, resulting in a happy users
- Successfully learned efficient use of end-to-end transactions in the supply chain industry using blockchain and deployed
- Deployed applications built using Multichain, which increased the efficiency and transparency of data
- Wrote code samples to demonstrate the usage of various Blockchain technologies
- Conducted research on the feasibility of implementing Blockchain technologies in various business scenarios

Stivouch, Mumbai, India
Data Analyst Intern   ***Sep 2020 – Nov 2020***
- Collected data from multiple sources and created a company's mobile application using Apache Cordova
- Understood and scaled-down business strategies, and data sources and built reports using Tableau and SQL
- Improved data searching system for pipeline building, increased system searching efficiency by 15%
- Solved complex data problems to reduce the maintenance cost by 10%
- Predicted future trends and sales by fitting distribution models to data with a 90% accuracy rate

Harrisburg University, Harrisburg, Pennsylvania
Applied AI Summer Intern   ***Jun 2019 - Jul 2019***
- Collaborates with a team of developers to design, develop and implement software applications, which increased efficiency by 15%
- Utilized natural language processing to automatically categorize users complaints
- Implemented a deep learning algorithm to improve image recognition accuracy
- Developed and implemented new data infrastructure and process improvements during summer internship to increase production by 32%

UNIVERSITY PROJECTS

Project leader for The Cloud Network (Startup)   *Nov 2022 - Feb 2023*
- Developed strategies to reduce manual processes for cloud security workload by 60%, resulting in efficiencies with a $500K cost savings
- Evaluated client business needs and crafted tailored security plans for rapid deployment in the cloud environment, mitigating existing threats in 85% of organizations within 2 weeks
- Orchestrated vendor evaluations for SaaS-based capabilities onboarding process, ensuring secure access and data privacy protection in a 95% efficient manner
- Collaborated with IT & development teams to proactively monitor access control systems & stack hardening techniques, decreasing vulnerability by 80%

Project leader for Desktop Voice Assistance   *Sep 2019 – Nov 2020*
- Developed software to perform services based on verbal commands, increasing efficiency for users by 25%.
- Programmed software using Python as the backend and Django & Flask as Front-end.
- Lead the project and Collaborating with a group of 4 selected students
- Worked with several libraries in Python such as Scipy, Speech_recognition, pyttsx3, Wikipedia, web browser, and smtplib
- Improved database performance by 20% by using materialized views and stored procedures
- Built user interface, and data visualizations and designed overall user experience, resulting in a 20% reduction in the workload
- Successfully tested the software on the lecturer's computer and a few other administrative machines

Parcel Minder App   *Aug 2018 – Nov 2018*
- Successfully gathered buy-in from the exec. team by presenting market analyses & defining a go-to-market strategy, resulting in a higher resource allocation by 50%.
- Developed an automated application for hostel students to keep track of their parcels without using a tracker or third-party application to attend calls of parcel delivery using Java, SQL, and PHP.
- Successfully integrated SMS service with a tracking link, reducing the misplacement of student parcels from 70% to 25%.

CERTIFICATION

- Splunk Fundamentals By ***Splunk***
- The Red Team Blueprint - A Unique Guide To Ethical Hacking by ***Udemy***
- CCNA exam: Practical CCNA tests *by **Udemy***
- Python for Data Science *by **IBM***
- Java Tutorial *by **Udemy***
- IBM Blockchain Essential v2
- Learn Power BI *by **Udemy***