Prashasth Nair

prashasthnair@gmail.com | +919009468754 | LinkedIn: prashasth-nair| GitHub: prashasth-nair
Location: Bangalore, India

EXPERIENCE _____

Mastercard Cybersecurity virtual experience program on Forage – August 2024

- Completed a job simulation where I served as an Analyst on Mastercard's Security Awareness Team
- Helped identify and report security threats such as phishing.
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams.

Hope Foundation Internship – May 2024

- Utilized Python and Open CV to design and implement a robust security camera system, enhancing surveillance capabilities and ensuring real-time monitoring.
- Used motion detection algorithms to accurately identify and start recording when potential security breaches occur, significantly improving response times and threat management.

J.P. Morgan Software Engineering Virtual Experience on Forage - February 2024

- Set up a local dev environment by downloading the necessary files, tools and dependencies.
- Fixed broken files in the repository to make web application output correctly.
- Used JPMorgan Chase's open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

EDUCATION

New Horizon College   **Bangalore, India**
Bachelor of Computer Application (BCA)   *September 2021 - August 2024*

- **Concentrations:** Cyber Security / Software development
- **CGPA:** 7.89/10.00
- **Related Coursework:** Data Structures & Algorithms, Computer Organization & Programming, Computer Networking, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistical Computing

St. Paul Sr. Secondary Co-Ed School   **Bhopal, India**
Commerce (Class: 11 and 12) (CBSE)   *September 2019 - July 2021*

- **Concentrations:** Business Studies and Accountancy
- **Percentage:** 73%

St. Paul Sr. Secondary Co-Ed School   **Bhopal, India**
Class: 1-10 (CBSE)   *September 2009 - July 2019*

- Engaged in Annual Science Fairs
- **Percentage:** 62%

CERTIFICATES

Getting Started with Threat Intelligence and Hunting
Issuing Institution: IBM   *Jan 2024*

- Enhanced skills in threat hunting methodologies, including proactive reconnaissance, anomaly detection, and pattern analysis.

Internet of Things (IOT)
Issuing Institution: New Horizon College, Bangalore   *Jan 2024*

- Acquired hands-on experience in designing and implementing IoT solutions using various hardware and software components.

Ethical Hacking from Scratch
Issuing Institution: Udemy   *Nov 2020*

- Acquired comprehensive knowledge of ethical hacking principles and methodologies.

PROJECTS

Stocks API (NodeJS)   *March 2024 – May 2024*

- This API is built using Node.js and Express.js. It provides a simple yet powerful interface for retrieving stock data from various sources. This API can be use in building a financial app, conducting research, gathering historical data of a particular Stock, etc.

Volume Control using Hand Gesture (Python)   *Feb 2023 – March 2023*

- Integrated the gesture recognition system with the computer's audio control APIs to adjust the system's volume based on detected hand gestures.

SKILLS

Programming: Java, Python, JavaScript, HTML, CSS, SQL, C#, C++, C, R Programming, PHP

Frameworks: Node.js, Express.js, React.js, Qt

Database: Mongo DB, MySQL, SQLite

Tools: Android Studio, IntelliJ, PyCharm, Visual Studio, VS Code, Git, Docker, GCC

AWARDS/ACHIEVEMENTS

- **Awarded** First Prize winner at the inter college Coding & Debugging competition held at Sheshadripuram college, Bangalore on 12th June, 2024.

- **Paper Presentation**: Presented a paper titled "Quantum Cryptography" in the National Conference on "Innovative & Emerging Trends in Science & Technology-NCIETST- 2022" on 17th December 2022.