**Kumara Venkata Rohit Varma**

**Alluru**

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An aspiring cybersecurity professional pursuing a Master's in Cybersecurity, eager to apply strong technical skills and a deep passion for security analysis, threat detection, and vulnerability assessment as a Cybersecurity Intern. Committed to contributing to and learning from a dynamic cybersecurity team.

EXPERIENCE

2021 - 2023

# Software Engineering Intern, *Alcovex Product Studio*

* **Developed and maintained** scalable backend services using **Hasura** and **GraphQL** to enable efficient data fetching and real-time updates for web applications.
* **Collaborated with front-end developers** to define API requirements, ensuring a cohesive user experience and alignment with the overall application architecture.
* Assisted with troubleshooting and resolving technical issues related to software and hardware configurations during development cycles.

2023 - 2024

# Project Manager Intern, *Farminno-Tech*

* **Led a cross-functional team of 6 members** to successfully deliver multiple projects on time, ensuring alignment with project goals, deadlines, and client expectations.
* **Coordinated project planning, task allocation, and milestone tracking** to ensure efficient workflow and clear communication among team members.
* Managed technology setups for team members, ensuring all hardware and software were properly configured for project use.

education

Sep 2020 – May 2024

## Bachelor’s in Technology, Computer Science and Engineering GITAM (Deemed to be University)

With Specialization in Cybersecurity

SKILLS

* **Cybersecurity Tools**: Proficient in using tools like Wireshark, Nmap, Burp Suite, and Nessus for vulnerability scanning and network analysis.
* **Programming and Scripting**: Knowledge of Python, JavaScript, and SQL for writing scripts, automating tasks, and managing databases securely.
* **Security Practices**: Familiar with penetration testing, secure coding, risk assessment, and threat modelling.
* **Communication and Collaboration**: Strong written and verbal communication skills; experience explaining complex cybersecurity concepts to non-technical audiences.
* **Attention to Detail**: Highly meticulous and detail-oriented; committed to delivering accurate and thorough work while adhering to deadlines. Driven by a perfectionist mindset, ensuring tasks are completed to the highest standard.

CERTIFICATIONS

* **CEH Certified by EC-Council**
  + Certificate number: ECC0534628917
* **Introduction to Cybersecurity Tools & Cyberattacks by IBM**
  + Certificate Link: <https://coursera.org/share/d29bd79f184bf6f27ad9af72907b6e4f>

Projects

* [RONEE](https://github.com/akvrohitvarma/RONEE)

A GUI Software that encrypts any kind of file using secure AES-256 CBC Encryption technique, done completely using Python3 and Tkinter

* [SHIDEX](https://github.com/akvrohitvarma/SHIDEX/tree/master)

A GUI Steganography Tool that embeds data inside images while maintain very low PSNR Ratio and Perceptivity.

* [3rd Eye](https://www.instagram.com/reel/CyDcZxCu3VP/?igsh=MWQ1ZGUxMzBkMA==)

An invention which aids the physically impaired by intimating the obstacle Infront. Made using YOLO for Raspberry pi for object detection. I patented the design and idea and have a research paper under work.

* [A Smart Bin for Cities](https://www.youtube.com/watch?v=-OQVhKR5ieQ)

A smart bin which intelligently collects the kind of waste generated in a sector of the city for efficient disposal and data analytics. Patent Pending

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| --- | --- |
| ■ - Cybersecurity | ■ – IoT |

Additional Information

* Languages:

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| --- | --- | --- |
| Python 3 | C | Go |
| Bash Scripting | HTML | CSS |
| Javascript | Typescript | C++ |

* Frameworks and Others:

|  |  |  |
| --- | --- | --- |
| Linux | Networking | Reversing |
| Wireless Attacks | IoT Hacking | IT repairs |
| Automation | Ethical Hacking | Flutter |