ROSHAN REJU

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CAREER OBJECTIVE

To achieve professional satisfaction,career progression and personal development by working in a learning environment that encourages growth and to utilize the potential of my knowledge for the progress of the organization by promoting a safe & healthy environment.

E D U C A T I O N

PROFESSIONAL

- BTech in Computer Science & Engineering from Rajagiri School of Engineering & Technology (Affiliated to KTU University), Kakkanad, Kochi, Kerala (2017-2021).
- CGPA: 8.41

ACADEMIC

Achieved a CGPA of **9.2** in 10th grade and **90.6%** in 12th grade CBSE Board Examinations from Our Own English High School, Fujairah, UAE.

W O R K   E X P E R I E N C E

- June 1st 2021 to May 15th 2022: Associate Security Engineer at H&R Block(CSIRT):
  - Investigate cybersecurity/computer network-related incidents, diagnose issues related to each event, document the findings in a report, develop and implement strategies to handle (or avoid) similar incidents in the future, monitor current networks/systems and examine security practices and procedures to find areas for operational improvement, suggest new rules for detecting new vulnerabilities in the market.

- May 16th 2022 to Present: Associate Security Engineer at H&R Block: Application Security Team
  - Perform web application Vulnerability Assessment and Penetration
  - Testing (VAPT)
  - Implementing Dev-Sec-Ops approach.

- o Assist developers, analysts in conceptualizing and developing new security programs for the organization.
- o Works closely with developers to find vulnerabilities at an early stage and provide mitigations for it.
- o Received an appreciation award for validating 40 critical findings reported by Black Kite tool.
- o Works with the Red Team on a team collaboration basis.
    - ▪ Submit OSINT Analysis of the company to the red team and carry out the remediation for exposed devices.

CERTIFICATIONS AND ACHIEVEMENTS

- **Certified Ethical Hacker(CEH)** Certification from EC Council (Certificate No: ECC49126577512) (Active)
- **Developer at Kerala Police Cyberdome** (Volunteering: July 2021- Present).
- **Volunteer** at **Cyber Peace Corps** which is an international cyber peace foundation.
- **Google's IT Support Professional Certificate** from Coursera.
- **PHISHECTOR**: Deep Learning Based Phishing Detector.(B-tech Project: **Funded by The Kerala State Council for Science, Technology and Environment (KSCSTE)**)
- **Finalist** of the **CEH Hall of Fame 2021** by EC Council, USA.
- Research paper on **Survey and Analysis on AI Based Phishing Detection Techniques** published in **IEEE Explore**.
- CovKart: A Project made for Crack the Covid-19 National Level Hackathon conducted by IBM in association with NASSCOM. The selected theme was crisis communication.
    - - Built a web application to facilitate users with essential goods during lockdown.
    - - The Web App is integrated with IBM Watson and HERE Maps to provide additional functionality.

TRAININGS & INTERNSHIP

WORKSHOPS & TRAININGS

- 3 days' workshop on **Machine Learning and Artificial Intelligence** by Robotech Labs at NIT Calicut.
- 2 days' workshop on **Quadruped Robotics** conducted by IEDC RSET.
- 10 days' workshop on **High Performance Computing** by RSET at Sunya Labs RSET.
- Workshop on **Cyber Security and Red Teaming** at Redteam Hacker Academy Pvt. Ltd.
- Workshop on **Neural Networks using MATLAB** by CSI, RSET
- Participated in **CODERA CODING** contest by CSI, RSET.

- 1 month training on **Internet of Things & Machine Learning** conducted by BOLT.

INTERNSHIPS

- Internship on **Cloud Infrastructure by CAPGEMINI**, Bangalore from Sept 09, 2019 to Sept 13, 2019.
- Internship on **Medical IT in Ministry of Health Hospital**, Fujairah, UAE
from June 01, 2018 to July 05, 2018.
- Participated in the open access **ANZ (Australia & New Zealand Banking Group) Virtual Internship** with Inside Sherpa.
  - Modules:
    - 1. Social Engineering Investigation
    - 2. Digital Investigation

TECHNICAL COURSES & SKILLS

TECHNICAL COURSES

- Android Development (Android Studio) by Udemy
- Web Development (HTML & PHP) by Udemy
- Completed certification in Machine Learning and IOT by Bolt Inventrom Inc.
- Operating Systems and you: Becoming a power user by Google
- The Bits & Bytes of Computer Networking by Google
- IT Security: Defense against the dark digital arts by Google
- System administration and IT Infrastructure services by Google
- What is Data Science? By IBM on Coursera.
- Python for Data Science and AI by IBM on Coursera.
- Open Source tools for Data Science by IBM on Coursera.
- Machine Learning with Python by IBM on Coursera.
- Technical Support Fundamentals by Google on Coursera.
- Introduction to cybersecurity on Cisco Networking Academy.
- Cybersecurity Essentials on Cisco Networking Academy.
- Currently doing a course in Deep Learning: A-Z Hands on ANN by Udemy.

SKILLS: Penetration Test, JDBC (Java Database Connectivity), MySQL, Programming in Python Language, Vulnerability Assessment, Web Development, Basic Computer Architecture, Operating systems (Windows, Linux), Computer networking, IT security, Cryptology/encryption, Hashing, Network security.

PERSONAL DETAILS

Date of Birth   : 12-03-1999

Marital Status   : Single
Nationality   : Indian
Languages   : English, Hindi, Malayalam, and Arabic (Read &Write)
Passport Details   : T8864063

REFERENCES

-     Mrs. Tripti.C, Assistant Professor, Rajagiri College of Engineering and Technology, Kochi (+919995414218)
-     Mr. Obi Joseph, Manager, InfoSec, H&R Block Trivandrum, India (+919947991391)

DECLARATION

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

ROSHAN REJU

Date   **:**
Place   **:**