



DEEPAK C VARGHESE

Cyber Security | SOC | BI/ETL Developer

MSc. Computer Science with specialization in Cyber Security

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Trivandrum, Kerala



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Portfolio : [My Portfolio](#)

Career Summary:

- ❖ Having more than 5+ years of Experience in serving prestigious organizations and performing critical roles in Cyber Security, Analytics, Data Integration and Management verticals.
- ❖ A highly responsible, insightful, determined and enthusiastic quick learner and strategic thinker who possesses a considerable amount of knowledge and experience in finance domain in alignment with core business values.

Certification:

- ❖ Splunk User Behavior Analytics[SPLUNK]
- ❖ Certified Blockchain Associate[KBA]
- ❖ Ethereum Fundamentals Program
- ❖ M001: MongoDB Basics[KBA]
- ❖ Google Analytics - Beginner.
- ❖ Google Cloud Essentials
- ❖ Cyber Security oversight for Information Protection[ATAL]

Personal Qualities

- Logical thinking
- Analytical skills

EXPERIENCE

JUN 2015 to current

Tata Consultancy Services Ltd.

IT Analyst

Mumbai, Chennai, Kochi

SEP 2021 to DEC 2021

TCS iON.

Cyber Security Intern - SAST

Trivandrum, India.

JUN 2021 to JUL 2021

Cyber Cell, Gurugram Police, Haryana.

Cyber Security Intern (9th Batch - GPCCSI)

Gurugram -Haryana, India.

JUL 2014 to DEC 2014

Aitrich Technologies Pvt. Ltd.

Intern - Web App Development

Thrissur - Kerala

EDUCATION

2020

MSc. Computer Science(Cyber Security)[Pursuing]

Indian Institute of Information Technology and Management- Kerala (IIITM-K)

2015

BSc. Computer Science

University of Calicut, Kerala.

CORE SKILLS

Reconnaissance

Bug Hunting

Machine Learning

Networking

Project Management

Troubleshooting

Security Operations Centre

Microsoft Power BI

Penetration Testing

Vulnerability Assessment

Business Intelligence

ETL

DBMS

Data Warehousing

Reporting

Penetration Testing

PROVEN PROJECTS

1. CyberSOC (Research Project) [IIITM-K]

- Developed a software for cyber attack detection in web servers using Machine Learning, SIEM and SOC in Python Django, Shell scripting with understanding of Linux architecture.
- Effectively involved in business requirement gathering, development, testing and deploying the application in a production cloud architecture.

Achievements


** Five times winner of ‘On the Spot Award’ in TCS for client appreciations received for timely task completion without any rework and for exceptional performance and phenomenal project deliveries.


** ‘Star of the Month Award’ received for single handed solving 25+ critical production issues across modules and thereby profiting the project.


** ‘Service commitment Award’ received on behalf of my contributions and services to TCS.


** ‘Best Team Award’ received in appreciation of outstanding contribution to the organization and successful development and deployment of critical change requests.

Languages

English 

Tamil 

Hindi 

Malayalam 

Personal Information

Date of Birth 23-02-1994
Sex Male
Marital Status Single
Nationality Indian
Passport Valid India

Declaration

I hereby assure that the above information furnished by me is true & correct to the best of my knowledge. I hope that the above mentioned particulars will meet your requirements and if given a chance to prove myself, I assure you that I will do the best to fulfill company's adjectives.

- Mentored a team of 4 junior cyber security professionals to accomplish the project.

2. Central Record keeping Agency- [CRA](#) (Govt. of India) [TCS]

- Conceptualized dashboards like customer base, transactions, financial portfolios using BI tools: Power BI, Pentaho BI.
- Done vulnerability assessment in Java based applications and also worked with the client in database and server security.
- Worked with cross-functional teams to design, develop, and implement analytical solutions for both Security and Financial domains.
- Cleansing, extraction, transformation and loading (ETL) of customer data in relational/NoSQL databases using IBM DB2, MongoDB and also created optimized solutions for database migrations with data security.
- Designed and built 50+ dashboards to turn millions of data points into actionable insights for the MIS team and various stake holders and decision makers like Bank/NBFC Managers throughout India, PFRDA(GOI), NSDL, NPSTRUST etc.
- Done extensive research whenever needed for the technical challenges faced by the project and implemented cost effective methods by reducing the bottle necks, inline with the Business Continuity Plan .
- Effectively involved in the client meetings taking business decisions, negotiations and providing solutions with higher customer satisfaction index.
- Hosted sessions to share the functional and technical knowledge acquired, within the team members as well as, across modules and organized business meetings to provide product demonstrations to the client.

3. Application of Static Application Security Testing (SAST)-Find Defects in Insecure Web-Based Application

Worked with Industry oriented applications by doing vulnerability assessment using Static Application Security Testing Tools (SAST) and therefore detecting vulnerabilities in web-based apps.

TECHNICAL SKILLS

Operating Systems	Windows, Ubuntu, Kali Linux.
Database	IBM DB2, SQL, MongoDB, SQLite
Technologies	Python, ETL, JSP, HTML, CSS, JavaScript, Bootstrap, SQL.
Methodology	Object Oriented Programming (OOPS)
Tools/IDE	NMap, Recon-Ng, Burp suite, Wireshark, SonarQube, Microsoft Power BI, Pentaho ETL - Data Integration, Pentaho Business Intelligence, Pentaho Report Designer, RAD 8, Eclipse, SVN, Putty, Python IDE
Servers/Cloud	AWS, Pentaho BI/DI Server, Power BI