



Tushar Kanti Dhar

Cybersecurity Researcher and Cloud Practitioner.

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Experiences

Linux System Administration · LinuxWorld Informatics Pvt Ltd

June 2023 - Present

As an intern at LinuxWorld Informatics, I got familiar with accessing local and remote systems, file system navigation, SELinux security management, network management, services and process management, configuring and launching web servers, and running containers using Redhat Enterprise Linux and AWS EC2 services. I'm working on a group project with other interns to implement our learnings.

Licenses & Certifications

(ISC)² Certified in Cybersecurity (CC)

December 2022 - (ISC)²

The CC provides in-depth knowledge necessary to protect against cyber threats and secure systems and networks effectively. The comprehensive exam structure help to achieve an unshakable foundation in cybersecurity concepts, tools, and best practices needed by a cybersecurity professional in any organization.

Microsoft Certified: Security, Compliance and Identity Fundamentals (SC-900)

January 2023 - Microsoft

The Microsoft Certified: Security, Compliance and Identity Fundamentals (SC-900) certification validates foundational knowledge of security, compliance, and identity concepts, core services, and core security technologies in Microsoft Azure. The hands-on lab experience helped to validate the ability to implement security, compliance, and identity solutions in Microsoft Azure.

Projects

Web Application Penetration Testing

March 2023 - April 2023

The objective of the project was to conduct a black box pentesting in the target web application to identify broken authentication vulnerabilities, which is one of the most common OWASP top 10 vulnerabilities.

- The scope of the project was to assess the authentication mechanisms for weaknesses and potential unauthorized access.
- Tools used: Nmap, Burp Suite, OSINT techniques, and custom scripts.
- The finding included several vulnerabilities related to broken authentication like weak password policies, including lack of complexity requirements, allowing multiple attempts, and password reuse.
- My team and I generated the pentest report with actionable recommendations to mitigate the identified risks, ensuring the client could implement necessary security measures to safeguard their application and protect highly confidential user data.

Introduction

Tushar is a self-taught tech enthusiast with diverse skills in web development, UI/UX design and testing, programming, social media marketing, and an invulnerable desire to improve continuously.

He is passionate and dedicated to upholding the data privacy right by protecting people and organisations. He enjoys researching and working with cybersecurity tools to contribute to strengthening the security posture of an organisation and the people it serves.

Expertise

Frontend Development.

UI / UX Design & Testing.

Python Programming.

Microsoft Azure.

Amazon Web Services.

Linux System Administration.

Containerisation & Virtualisation.

Web App Penetration Testing.

Technologies

Python, Javascript, Version Control System, Docker, Kali Linux, Redhat Linux, Burp Suite, Nmap, Bash Shell, Google Workspace.

Interests

Travelling, Research, Blogging, Philosophy.

Languages

English (Expert)

Bangla (Native)

Hindi (Conversational)

Volunteering

Cybersecurity Exam Development Volunteer

April 2023 - (ISC)²

As a chosen subject matter expert by (ISC)² for a 3-day exam development workshop, my role was to produce and review content for the upcoming Certified in Cybersecurity (CC) exam along with some highly proficient volunteers from around the world. With the help of several resources provided by (ISC)², my responsibility was to ensure the quality and set the standards of the content developed by other subject matter experts and me during the 18-hour workshop.

Community Activities

CodeX Club · GITAM University

Cybersecurity Lead (August 2022 - Present)

CodeX is a student-run club for coding and all things technology at GITAM University. As a core member of the club, I am responsible for helping students of GITAM to develop their technical skills and cybersecurity tools and technologies through workshops, bootcamps, events, and development sessions. I am also responsible for handling projects related to the club.

Directorate of Student Life · GITAM University

Student Life Associate (June 2023 - Present)

As a Student Life Associate at GITAM University, I enhance the student experience and contribute to their personal and academic growth. I work closely with students, faculty, and staff to organize and coordinate various events, workshops, and activities to promote student engagement, well-being, and development.

I am also a peer support volunteer responsible for providing and fostering mental health support to students and peers.

Education

Graduation · Bachelor's of Computer Applications

2021 to 2024 · Gandhi Institute of Technology and Management, Bengaluru, India

As a student of BCA, I am learning computer science and software fundamentals from some of the most gifted and supportive professors at GITAM University. The program curriculum includes programming languages (Python, C++, Javascript, Java, R, PHP), information technology, data science, operating systems fundamentals, web technologies, data structures, data communication and networking, Unix programming, and many more. Additionally,

- I received the SII scholarship to pursue my undergraduate degree in India.
- Besides the core subjects mentioned above, I am encouraged to learn and engage with soft skills, club activities, venture development, and many more.

Higher Secondary School · Science

Bangladesh Air Force Shaheen College, Chittagong, Bangladesh

Studied science subjects including Information Technology, Physics, Mathematics, Biology, and Chemistry.

Contact Information

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