

HARSHVARDHAN

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EDUCATION

Dr APJ Abdul Kalam Technical University Lucknow 2024

(BTECH) Bachelors of Technology in computer science and engineering 7.51/10.0

Sep 2020 - Jun 2024

EXPERIENCE

CYBERSECURITY AND NETWORK ENGINEER

November 2024

QUALITY AUSTRIA CENTRAL ASIA PVT.LTD

- Supported implementation and testing of cybersecurity measures like access controls and vulnerability scans
Built and maintained cybersecurity tools and documentation including:
 - Antispam Tracker – Reduced phishing/spam by 90% while keeping <2% false positives.
- Administered and secured Zimbra Mail Server, handling daily monitoring, backup/recovery, and troubleshooting.
- Configured and maintained Sophos Firewall, defining rule-based access, VPN policies, and intrusion prevention.
- Led/support cybersecurity & infra engagements:
 - Mail server migration (Zimbra → Google Workspace).
 - File server (SMB) maintenance and access management.
 - Enterprise security hardening and daily system monitoring. Configured and maintained network devices, firewalls, and servers.
- Implemented and maintained security monitoring & infrastructure posture using:
 - Wazuh – Host-based intrusion detection (HIDS) and log monitoring.
 - Zabbix – Real-time network/server monitoring and alerting.
 - Automation scripts – For system health checks and routine troubleshooting.
Gained hands-on experience with tools like Wireshark, Linux, Nmap, and basic scripting.

SOFTWARE DEVELOPMENT INTERN

July-October 2024

PANTECH.AI

- Designed and developed a Netflix clone webpage, implementing responsive UI using React and CSS, and integrated a public API for fetching and displaying dynamic content.
- Built a To-Do List application using JavaScript and Flask, enabling CRUD operations with a user-friendly interface and efficient backend logic.
- Utilized public APIs for real-time data integration and visualization in web applications.

DATA SCIENCE

Aug-Sept 2024

MYDAILYWORK

- TITANIC SURVIVAL PREDICTION- By Using of the Titanic dataset build a model that predicts whether a passenger survived or not.
- MOVIE RATING PREDICTION WITH PYTHON- Build a model that predicts the rating of a movie based on features like genre, director, and actors

AWS cloud virtual internship

May - June 2023

- Implemented and optimized AWS cloud infrastructure for a real-world project, resulting in a reduction of operational costs by 30%

PROJECTS

HUNT HOUSE

December 2023-April 2024 AIMT,

AXIS COLLEGES website Application

- Designed a professional rental housing website to showcase rental properties for young professionals and bachelors.
- This platform aims to streamline the process of finding affordable and Suitable rental housing, like, flat, PGs, apartments catering specifically to the unique needs and Preferences of this demographic, Built a visually captivating platform through design and development efforts,
- Technology used: [HTML](#), [CSS](#), [JavaScript](#).

SNAKE CUTTER GAME

- Developed a unique 2D game where players navigate a dynamic environment while being challenged by a strategic bot that adapts its approach, ensuring a thrilling and unpredictable experience.
- Crafted an intuitive and visually appealing interface that enhances player engagement, providing seamless interaction and feedback throughout the game.
- Engineered the game to be compatible across multiple platforms, allowing players to enjoy the immersive experience on various devices without sacrificing performance or quality, Technology used: [C++](#), [Git](#).

TECHNICAL SKILLS

Programming languages: Python, bash

Full stack Technologies: HTML, CSS, MongoDB, Express, React, NodeJS.

Tools and software: Terminal, Git, Visual Studio Code, GitHub. **Data skills:** Powerbi, SQL, Excel, Power point . **Miscellaneous:** Generative AI, KAFKA, AI/ML, SPRINGBOOT, Microsoft office, Communication, Time management, adaptability.

RELEVANT COURSEWORK AND CERTIFICATIONS

- **ORACLE:** Certification in Oracle cloud infrastructure 2024 **generative AI** professional.
 - **TATA group:** Data visualization empowering business with effective insights (Forage).
 - **ACCENTURE NORTH AMERICA:** Certification in data analysis and visualization.
 - **NPTEL:** Emotional Intelligence and Enhancing Soft Skills and Personality ✓ **NIPAM:** IP Awareness. □ **UIPATH:** Step into RPA

POSITIONS OF RESPONSIBILITY

Vice head of Innovation club:

2023 - 2024

- Organized Innovation Fair, managed 10+ Innovation ideas and 50+ students, under Innovation club

