

# HARSHVARDHAN

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LinkedIn profile, GITHUB

## EDUCATION

### DR. A.P.J. Abdul Kalam Technical University Lucknow 2024

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

Sep 2020 - Jun 2024

## EXPERIENCE

### QUALITY AUSTRIA CENTRAL ASIA PVT.LTD

November 2024

#### CYBERSECURITY AND NETWORK ENGINEER

- 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:
  - Zimbra Mail server cloud migration to GCP (Zimbra → Google Workspace)
  - File server (NAS) secure storage device connected to a network (LAN) that allows authorized users and devices to store, manage, and share data from a centralized location.
  - 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 DEVELOPER/TESTER

- Developing Android mobile application in-house web application for Attendance Management System (AMS).
- Implementing face recognition for secure face attendance marking.
- Integrating RESTful APIs with backend services using Node.js, Express.js, and MySQL.
- Developing modules for user on boarding, face-based attendance (Present/Absent/WFH), and leave management.
- Implementing authentication, role-based access control (RBAC), and secure API communication.
- Testing and validating APIs.

#### ODOO ADMINISTRATOR

- Managed production OODOO deployment on Linux including installation, Nginx reverse proxy configuration, SSL certificate implementation, log troubleshooting, and performance optimization.
- Performed PostgreSQL backup, restore, and database tuning for OODOO ERP reliability and disaster recovery.

### PANTECH.AI

July-October 2024

#### SOFTWARE DEVELOPMENT INTERN

- 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.

### MYDAILYWORK

Aug-Sept 2024

#### DATA SCIENCE – INTERN

- 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

## ACADEMIC PROJECTS

### HUNT HOUSE

December 2023-April 2024 AIMT,

- Designed a Real state professional rental housing website to showcase rental properties for young professionals and bachelors.
- Tech 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, **Technology** used: C++, Git.

## 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%

## TECHNICAL SKILLS

**Programming languages:** PYTHON, BASH

**Tools and software:** Wazuh, Zabbix, Git, GitHub, DOCKER

**Miscellaneous:** GENERATIVE AI, AI/ML

**Full stack Technologies:** MERN STACK

**Data skills:** POWER-BI, MYSQL, MS OFFICE

**AI TOOLS:** CHATGPT, GEMINI, CLAUDE, TRAI,

## 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