

# Vaibhav Sarvadaman Ghadiali

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## EDUCATION:

### Master of Science in Information Technology & Management

The University of Texas at Dallas

May 2024

GPA:3.7

### Bachelors in Computer Engineering

October 2020

University of Mumbai - India

GPA:3.4

## PROFESSIONAL EXPERIENCE:

### Senior Cybersecurity Specialist, DigitalXForce

May 2024 – Present

- Conducted 20+ risk assessments for clients, ensuring compliance with NIST 800-53, NIST CSF 2.0, SOC 2, ISO 27001, GLBA, and CRI, reducing compliance gaps by 40% and strengthening security governance.
- Designed and implemented 10+ security features to enhance product security, collaborating with development and leadership teams to drive innovation.
- Managed a \$1M+ client pipeline, overseeing engagements and maintaining strong client relationships while leading and mentoring a 6-person security team.
- Performed 25+ penetration tests, identifying and mitigating critical vulnerabilities, reducing overall security risk by 35%.
- Monitored and analysed hundreds of SOC alerts using IBM QRadar, improving incident response time by 30% and strengthening threat detection capabilities.
- Represented DigitalXForce at industry-leading security events such as Gartner, RSA, and Black Hat, showcasing solutions to industry professionals

### Cybersecurity Analyst, DigitalXForce

May 2023 – May 2024

- Engineered a secure platform automating GRC/IRM processes, integrating Nozomi, Qualys, ServiceNow, and Fortinet tools. Developed a high-accuracy AI chatbot using Python and AWS Lex, resulting in a 30% increase in operational efficiency.
- Led NIST 800-52, SOC2 and OT assessments as a Client Success Manager, achieving a 25% improvement in compliance scores. Successfully managed implementations for various OT sites through Nozomi, reducing implementation time by 20%.
- Headed an autonomous car project, identifying and rectifying vulnerabilities, leading to a 40% decrease in potential exploits.
- Managed SDLC processes which reduced post-launch issues by 28%. Led cross-functional teams, and ensured on-time product delivery. Also, actively represented the company at industry events/conferences and launches, pitching our innovative solutions.

### Software Engineer, YesCRM Pvt. Ltd.

February 2021 - August 2022

- Engineered a production-grade SAP continuous Integration with RESTFUL API in Python and Flask to automate data flow between online expense reporting application and SAP system, which reduced human intervention time by 70%
- Spearheaded a team to design a high-level automating database migration, mainly involving tools like MongoDB, Python, Numpy, Pandas, Jupyter Notebook, and SFTP, which optimized the time of each transaction by 29% and performance by 34%
- Effectively communicated with clients to learn about system requirements, carried out in-depth analysis, and presented solutions to stakeholders, all the while designing and tailoring the system to the client's requirements
- Implemented customization of Zoho cloud computing platform to link to other services like CTI, SSO, and 3rd party systems, using two-way API integration in Deluge, JavaScript, and Postman, resulting in 64% enhancement of the complete process

### Mobile Application Developer Intern, Kirat Communications Pvt. Ltd.

February 2020 - May 2020

- Proposed and accomplished mobile applications with scalable infrastructure on Android Studio, Linux Shell, SDK configuration, Firebase, SQL and AWS networking along with a team of 2 which increased the growth of customer engagement by 63%
- Dropped down latency issues by 40% by implementing applying a serverless concept using AWS Lambda Functions and reducing the number of API calls in the internal server, worked on code review and test automation with Selenium

### SOC Analyst, Tata Institute of Fundamental Research

June 2019 - February 2020

- Monitored real-time security alerts using SIEM tools through IBM QRadar to detect suspicious activities and potential security breaches. Analysed logs from firewalls, IDS/IPS, and endpoint security solutions to identify anomalies.
- Assisted in triaging and escalating security incidents by conducting root cause analysis and coordinating with senior analysts. Participated in containment, eradication, and recovery of threats such as phishing, malware infections, and unauthorized access attempts.

## PERSONAL EXPERIENCE:

### Founder & Software Developer, ProjectQuad Solutions

May 2020 - August 2022

- Entrepreneurial initiative as a software development company resulted in the creation of over 110 projects for businesses, including Website Development, Analysis, Risk Management, ML/AI, cloud system, Employee Attendance, and Billing system to boost enterprise product sales by 37%, user engagement by 49%, and analysis to optimize the process improvement by 42%
- Led a team of 13 employees and created marketing plans by utilizing google analytics which led to a 40% increase in significant clients and increased profitability by 48% through effective market analysis and implementation of cost-saving measures

## TECHNICAL SKILLS:

**Cybersecurity Tools:** IBM Qradar, Qualys, Trellox, Sophos Firewall, Nozomi, Service Now, AD Azure

**Programming Language:** Python, C/C++, C#, Java, Java Script, R, Deluge, HTML5, CSS, Bootstrap, Flask, Django, tableau

**Databases:** MySQL, MongoDB, PostgreSQL, Google Firebase, Sqlalchemy, AWS S3, AWS RDS, Excel

**Cloud Technologies:** Amazon Web Services, Google Cloud Platform (GCP), Docker, Azure

**Concept:** Machine Learning, Git, Agile Scrum methodologies, Artificial Intelligence, Data Structure and Algorithms, GitLab, Jira

**Operating Systems:** Windows, MacOS, Linux / UNIX (Ubuntu, Kali, RedShift)

**Soft Skills:** Oral and written communication, Enthusiastic, Collaborative, Problem solving, Innovative, Passionate, Critical thinking