

# SAUMYA DESAI

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## PROFESSIONAL SUMMARY

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Highly skilled IT Professional with extensive experience in code security, risk management, threat detection, and incident response. Adept at monitoring IT systems via SIEM tools, conducting vulnerability assessments, and performing thorough threat risk evaluations to ensure robust security compliance. Proficient in WEB3 code security, bringing expertise in smart contract reviews and decentralized application safeguards. Demonstrates a proven track record in implementing security measures, educating users on best practices, and protecting assets against cyber threats. Possesses deep experience working with comprehensive security suites, cloud platforms, and EDR solutions, along with in-depth knowledge of cloud, network, and client-server environments. Eager to leverage these capabilities to protect critical IT systems and drive innovative security initiatives.

## SKILLS

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Cloud and Security Tools	VMware, AWS, AZURE, SIEM, IDS, Incident Response, Kali Linux, ParrotOS, Wazuh.
Frameworks	NIST, ISO27001, FISMA, COBIT, ITIL, LAMP, KERAS, HITRA
DevOps and API Tools	IIS, Git, Docker, OpenShift, Kubernetes, Swagger, Postman
Languages	Python, Solidity, Rust, JavaScript, TypeScript, C/C++, SQL, HTML, CSS, Java, XML
Others	Active Directory, Vulnerability Assessment, Agile, SOLID, E-mail, Documentation

## PROFESSIONAL EXPERIENCE

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### Security Researcher [[Showmates](#)]

*London, Canada*

June 2023 – Present

- Monitored enterprise IT systems using SIEM and vulnerability scanners to proactively detect and resolve security threats, reducing incident response times by 30%
- Conducted comprehensive threat and vulnerability assessments, analyzing risks and implementing advanced strategies that minimized the overall attack surface by 25%.
- Led incident response processes, investigating detected threats, documenting exceptions, and driving resolution while maintaining operational continuity.
- Coordinated security training programs to increase organizational awareness, reducing security-related incidents by 15% through improved employee understanding of preventative measures.
- Collaborated with internal and external IT resources on new application design reviews, ensuring security architectures met approved standards and effectively mitigating compliance gaps.

### Gas Station Attendant [[Petro-Canada Fuels](#)]

*London, Canada*

Jan 2023 – Present

- Oversaw daily operations, including staff management, inventory control, and customer service, ensuring a seamless and efficient running of the gas station.
- Supervised and trained a team of employees, providing coaching and guidance to enhance their performance and customer service skills.
- Implemented safety protocols and procedures, resulting in a decrease in accidents / incidents 30%.
- Managed fuel inventory levels, placed orders with suppliers, and optimized stock levels, reducing wastage by 20%.
- Handled customer complaints and inquiries professionally, resulting in a 15% increase in positive customer feedback.

Software Developer [**wayRabbit**]

Hydrebad, IND

May 2020 – Nov 2022

- Built and maintained high-volume data pipelines using Azure Data Factory, Azure Functions, Logic Apps, and Azure Data Lake Gen2, reducing operational costs by 20% and improving system reliability by 30%.
- Analyzed requirements, designed public cloud infrastructure, and automated on-premises-to-Azure migrations, cutting migration time by 40% and downtime by 25%.
- Coordinated with stakeholders to gather functional and non-functional requirements, creating Oracle-to-Azure database migration pipelines and improving infrastructure operations for B2C billing applications by 35%.
- Conducted code reviews, performed unit testing, and implemented modern authentication protocols (SAML, OAuth), enhancing code coverage by 15% and minimizing security vulnerabilities.
- Led re-architecture of ASP.NET Classic B2B applications using C# .NET Core, achieving 25% faster deployment cycles and staying updated on Azure's evolving features.

Backend AI/ML Engineer [**Silverwing Technologies PVT LTD**]

Ahmedabad, IND

July 2019 – Jan 2020

- Developed robust Django API endpoints, leveraging Postgres for data storage and Celery for task parallelization, resulting in a 35% improvement in response time.
- Created “Sammachar Pathshala” in ReactJS, adopted by 27 schools to enhance interactive learning and increase overall student engagement.
- Built a Bitbucket CI/CD pipeline, automating deployments to AWS EC2 and reducing deployment time by 40%.

## EDUCATION

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**Postgraduate Certificate**, Fanshawe College

Information Security Management

**Postgraduate Certificate**, Conestoga College

Virtualization and Cloud computing

**Bachelor of Technology**, SAL College of Engineering

Information Technology

## CERTIFICATIONS

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- CISSP (CyberFrat)
- Google Cybersecurity Professional
- Oracle Cloud
- Red Teaming (TryHackME)
- BurpSuite (PortSwigger)