

Rushi Mahendrakumar Patel

Security and DevOps Engineer

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Rushi Patel

PROFILE

DevOps & Security Engineer with expertise in AWS security, cloud infrastructure protection, and DevSecOps automation. Skilled in CI/CD security, zero-trust architectures, and cloud-native security solutions to improve compliance, mitigate threats, and enhance system resilience. Proficient in AWS, GCP, Terraform, and containerized environments, with a focus on building secure, scalable, and automated infrastructures. Hands-on experience in vulnerability assessments, IAM policies, security monitoring, and incident response, reducing security risks and improving cloud security posture. Adept at developing automated security solutions and optimizing CI/CD pipelines, leading to efficient, secure, and reliable cloud deployments.

WORK EXPERIENCE

SuccessKPI Inc.

Security Engineer

Apr 2024 – present

- Led cloud security initiatives, integrating AWS-native and third-party tools to enhance security posture by 20%.
- Developed automated threat detection and response, reducing MTTD by 40% and MTTR by 50%.
- Improved CI/CD security by embedding compliance checks, decreasing misconfigurations by 30%.

Associate Security Engineer

Jul 2022 – Mar 2024

- Built CI/CD pipelines in Bitbucket, reducing deployment time by 35% and manual effort by 60%.
- Implemented IAM policies with RBAC and compliance checks, reducing unauthorized access incidents by 25%.

Security and Operations Intern

Jan 2022 – Jun 2022

- Performed vulnerability assessments on AWS and web applications, remediating critical risks within 24 hours and reducing security threats by 30%.
- Configured AWS monitoring tools, improving incident response times by 35% (MTTD) and 45% (MTTR).

CERTIFICATES

MTA - Security Fundamentals

Certificate ID: wMP3A-FMXc

CompTIA Security+

Certificate ID: COMP001022405470

SKILLS

Cloud & Security Engineering

AWS Compute (EC2, Lambda, Fargate), AWS Networking (VPC, Route 53, Security Groups), Identity & Access Management (IAM, RBAC, AWS Organizations, AWS SSO), CloudFormation, Terraform, AWS Config, AWS Security Hub, AWS GuardDuty, AWS WAF, AWS KMS.

Cybersecurity

Vulnerability Assessment, Penetration Testing, Secure Authentication, Identity and Access Management, Compliance Monitoring.

DevOps & Automation:

CI/CD Pipelines (Jenkins, GitHub Actions), Docker, Infrastructure as Code (IaC) with Terraform and CloudFormation, Monitoring (CloudWatch, Prometheus).

Programming Languages

Python, Bash, JavaScript, SQL

PROJECTS

Terraform-Based AWS Stateful Firewall Deployment

Oct 2024

- Built a Terraform-based AWS firewall with custom IP/FQDN whitelisting, reducing unauthorized access risks by 30%.
- Automated firewall configuration using Infrastructure as Code (IaC), ensuring policy consistency, reduced misconfigurations, and improved compliance across all environments.

Automated Jenkins Pipeline for .NET Deployment to IIS

Mar 2024

- Engineered a Bitbucket pipeline to deploy containerized Node.js and PHP applications to Google Cloud Run.
- Utilized MSBuild for project compilation and MSDeploy for publishing on IIS servers, enabling seamless multi-environment deployments with minimal downtime, reducing manual effort and accelerating release cycles.

JigNect Technology Web Security Testing Intern

Jun 2021 – Jul 2021 | Ahmedabad, India

- **Conducted** comprehensive vulnerability assessments on web applications, **identifying and remediating critical risks**, leading to a **measurable reduction in security vulnerabilities**.

Foxmula - Inversion Consultancy LLP Information Security Intern

Feb 2021 – Mar 2021 | Bangalore, Karnataka

Learned cryptography and security best practices, applying them to the **development of a cryptographic Android application** using **Android Studio** and **Java**.

EDUCATION

B-Tech. (Computer Science and Engineering) Institute of Technology, Nirma University

Jul 2018 – present | Ahmedabad, India

HSC

Gyanmanjari Vidhyapith

Jun 2016 – Mar 2018 | Bhavnagar, India

SSC

Nalanda Vidhyapith

Jun 2015 – Mar 2016 | Godhra, India

AWS Security Integration with CrowdStrike CSPM

Jan 2024

- **Integrated** AWS Organizations with CrowdStrike CSPM, **automating cloud security monitoring** and improving **compliance reporting accuracy by 35%**.
- **Integrated** AWS resource data ingestion into CrowdStrike CSPM, enhancing visibility into cloud compliance.

Containerized Node.js and PHP Deployment to GCP Cloud Run

Dec 2023

- **Developed and automated** a **Bitbucket pipeline** to deploy containerized **Node.js and PHP** applications to **Google Cloud Run** upon pull request merges.
- **Enabled** seamless **CI/CD automation**, ensuring efficient, scalable, and serverless deployments with minimal manual intervention.

Android Text Encryption Using Various Algorithms

Jan 2021

- **Designed and developed** an Android application for **text encryption and decryption** using multiple **cryptographic algorithms**, built with **Android Studio** and **Java**.
- **Implemented** secure encryption techniques to enhance data protection and user privacy.

PUBLICATIONS

Cybersecurity in Domain of IoT: A Review Threats and Security

Researchgate

Dec 2020

I have reviewed current Cyber Security threats in the field of IoT and suggested some Solution for that. The title of the Paper is “Cybersecurity in the Domain of IoT -A Review of Threats and Security”.