

Anurag Bathani

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Experience

Inventy Software Services Pvt. LTD.

December 2024 – Present

Jr.Cyber Security Engineer

Ahmadabad, Gujarat

- Conducted end-to-end security testing on internal products, uncovering multiple high-impact authorization and logic flaws, and worked closely with engineering teams to deploy secure fixes that reduced repeat issues by 30%.
- Identified critical weaknesses in sensitive transaction workflows and contributed to hardening measures that significantly improved overall system integrity.
- Performed API pentesting and identified critical security issues across 5+ API endpoints in the internal product.
- Mapped attack paths using the MITRE ATT&CK framework to strengthen detection, monitoring, and defensive coverage.
- Developed and tested OPA Gatekeeper constraint templates to enforce Kubernetes security standards, including access restrictions, resource validation, and configuration hardening, ensuring workloads adhered to least-privilege and compliance requirements.

Projects

Hotel Rating System | *Java, Spring Boot, Spring Security, Okta, Spring Cloud, MySQL, MongoDB, PostgreSQL*

- Implemented secure authentication and authorization using Okta + Spring Security with **OAuth2/OIDC** flows.
- Applied API Gateway and rate limiting to mitigate brute force and **DoS**-style traffic.
- Designed microservices with least-privilege access patterns and externalized configs to reduce secrets exposure.
- Utilized **Netflix Eureka** and **Resilience4j** to ensure resilient and secure service-to-service communication.

Mrigtrix | *Python, Flask, Tailscale, Discord Webhooks*

- Built a Python-Flask cybersecurity tool capturing 7+ system metrics and automating log delivery via **Discord webhooks**.
- Integrated phishing simulation with **Tailscale tunneling** for secure cross-network redteam testing.
- Automated deployment across Linux systems, reducing setup time by 60%.

Article-Summarizer | *Java, Java Core, Spring Boot, ReactJs*

- Built a full-stack **Rss blog summarizer** using Java (Spring Boot), React, and **OpenRouter** API for real-time summaries.
- Used **Jsoup** to clean HTML content by removing scripts and irrelevant tags before LLM processing.
- Retrieved and processed latest blog data via RSS feeds using **HTTP requests**.

Education

Charotar University of Science and Technology(CHARUSAT)

2021-2025

Bachelor of Technology in computer science & Engineering (GPA: 8.2 / 10.0)

Changa, Gujarat

Technical Skills

Security & DevSecOps: Pentesting, API Security, BurpSuite, OWASP Testing Techniques, Nmap, Nuclei, Metasploit, Wireshark, MITRE ATT&CK, OPA, Policy-as-Code, Container Security, Rate-Limiting, Traffic Filtering

IAM: Okta, OAuth2, OIDC, JWT, Spring Security, RBAC, Access Policies

Cloud & Infrastructure: Docker, Kubernetes, AWS (Basics), Microservices Security

Languages: Java, Python, Kotlin, C/C++

Languages: MySQL, Firebase, SQLite

Publications

Wild Animal Detection using YOLOv8

Brahm Dave, Meet Mori, Anurag Bathani, Parth Goel

Procedia Computer Science, Volume 230, 2023, Pages 100-111, ISSN 1877-0509

<https://doi.org/10.1016/j.procs.2023.12.065>

Achievements

- Research Work Wild Animal Detection got Featured on **Times of India** (Front Page Dated :15/02/2024).
- Achieved Top 10% global ranking on the TryHackMe cybersecurity training platform.