

MAHARSHI SUNDER RAMAN

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ACHIEVEMENTS

Reported multiple security vulnerabilities through Red Bull's private bug bounty program on Intigriti, identifying weaknesses that could have enabled unauthorized access, account enumeration, and information disclosure.

Contributed improvements to open-source security tooling including Hash-Buster and Breacher, improving detection quality, reliability, and usability for security researchers.

TECHNICAL WRITING

Web Application Firewall (WAF) Bypass Techniques (DEC 17, 2022)

Explained payload obfuscation, signature evasion, encoding tricks, and practical bypass strategies used during security assessments.

hangyaku.hashnode.dev/web-application-firewallwaf-bypass-techniques

How To Recon(DEC 18, 2022)

Covered subdomain enumeration, asset discovery, content discovery, attack-surface mapping, and practical reconnaissance workflows used in modern web security testing.

hangyaku.hashnode.dev/how-to-recon

EDUCATION

Kammavari Sangha Institute of Technology (KSIT)

B.E. in Computer Science and Design

CGPA: 8.5/10

Bangalore, India Dec 2022 – May 2026

The National PU College

11th and 12th

80%

Bangalore, India 2020 – 2022

Martin Luther School

High School

88%

Bangalore, India 2020

PERSONAL PROJECTS

Raktbeej | *Next.js, Clerk, PostgreSQL, IPFS, TailwindCSS, DaisyUI, Solidity, Polygon*

2025

- Built a decentralized research publishing platform that enables automatic royalty distribution among authors and cited researchers through smart contracts.
- Designed citation-based revenue sharing using Solidity and Polygon while storing research papers on IPFS.
- Integrated authentication, decentralized storage, and structured metadata management into a full-stack Web3 application.
- <https://raktbeej.vercel.app>

Kitty | *Python*

2024

- Built a payload transformation toolkit supporting Base64, URL, Hex, Octal, and custom encodings for testing input validation and blacklist filtering mechanisms.
- GitHub Repo: <https://github.com/hangyakuzero/kitty>

Hash-Buster (Improvements) | *Python*

2024

- Improved an open-source hash analysis utility by expanding lookup coverage, improving source aggregation, and optimizing workflow efficiency.
- GitHub Repo: <https://github.com/hangyakuzero/Hash-Buster>

Breacher Improvements

2024

- Contributed performance and detection improvements to an open-source administrative panel discovery tool, improving scan effectiveness and eliminated false positives
- GitHub Repo: <https://github.com/hangyakuzero/Breacher>

Larzish (Deprecated) | *Go, Replicate Flux Model*

2024

- Developed a tool to generate AI images using the FLUX model on Replicate.
- GitHub Repo: <https://github.com/hangyakuzero/Larzish>

TECHNICAL SKILLS

Languages: Python(advanced), Go(advanced), Bash(intermediate), JavaScript(strong), SQL(advanced), C++(Intermediate, familiar with modern semantics)

Frameworks & Tools: Next.js, Express, Node.js, FASTAPI, pydantic, Hono, Tailwind CSS, Docker, Git, Vercel, Linux, numpy, PyTorch, PySpark, Terraform, Ansible, Pandas, Grafana, Prometheus, Loki, OpenTelemetry, Tempo, Apache Kafka, SocketIO, React

Databases: PostgreSQL, DuckDB, MongoDB, SQLite, Redis, Valkey, Cassandra

Blockchain: Solidity, Polygon, IPFS, Solana, Ethereum

Other: Web Security, Recon, Automation