

# Jinson Varghese Behanan, Penetration Tester

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## PROFILE

Penetration tester with over four years of experience specializing in:

- Web applications
- Mobile applications
- Desktop applications
- APIs
- Network infrastructure
- Cloud infrastructure
- Smart Contracts
- Other assets

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## EMPLOYMENT HISTORY

May 2023 — Present

### Information Security Lead, Astra Security

- **Lead** the day-to-day security team operations, ensuring high-quality penetration testing and increased workflow efficiency
- **Execute** thorough penetration testing across multiple platforms — web, mobile, and desktop applications, while extending these security assessments to network infrastructures and APIs
- **Conduct** comprehensive security evaluations on a variety of assets, such as cloud infrastructure, smart contracts, and source code, to identify potential vulnerabilities and ensure optimal security configurations
- **Develop** and refine methodologies, tools, and standards for conducting penetration tests
- **Create** a library of test cases, scenarios, scripts, or procedures for team reference
- **Provide** technical leadership and mentorship to other security team members
- **Interact** with different teams, assess their projects for security risks, and contribute recommendations to ensure the accomplishment of objectives securely
- **Collaborate** closely with customer-side developers and business managers to understand and mitigate application vulnerabilities
- **Define** and document internal technical processes and procedures; manage the knowledge base for future hires
- **Manage** the technical interviewing process for new security team hires, ensuring that they have the necessary skills and competencies
- **Mentor** and train new hires to understand security policies, tools, and methodologies for seamless team integration

Jan 2022 — May 2023

### Senior Information Security Analyst, Astra Security

May 2019 — Jan 2022

### Information Security Analyst, Astra Security

Sep 2018 — May 2019

### Executive Information Security Analyst, Astra Security

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## EDUCATION

2016 — 2018

### Bachelor of Science (Honours) in Computer Security, University of Northumbria at Newcastle

- Graduated with First Class Honours
- In association with Management Development Institute of Singapore

2015 — 2016

### Advanced Diploma in Information Technology, Management Development Institute of Singapore

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## VOLUNTEERING

### Author & Editor - OWASP Web Security Testing Guide (WSTG)

The Web Security Testing Guide is a comprehensive Open Source guide to testing the security of web applications and web services.

## Project Lead - OWASP Smart Contract Top 10

The OWASP Smart Contract Top 10 is a standard awareness document that intends to provide Web3 developers and security teams with insight into the top 10 vulnerabilities found in smart contracts.

## Reviewer - OWASP Top 10

The OWASP Top 10 is a standard awareness document for developers and web application security. It represents a broad consensus about the most critical security risks to web applications.

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### PUBLICATIONS

#### Common Vulnerabilities and Exposures

- CVE-2020-7108
- CVE-2020-8549
- CVE-2020-8615
- CVE-2020-9466
- CVE-2020-10385
- CVE-2020-15038
- CVE-2020-15478
- CVE-2020-16157
- CVE-2020-25015
- CVE-2020-35489
- CVE-2021-27839
- CVE-2021-24233
- CVE-2021-24234

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### CERTIFICATIONS

2021	Certified Blockchain Security Professional™
2018	Certified Ethical Hacker

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### PERSONAL PROJECTS

2020	<b>Vulnerability Assessment &amp; Penetration Testing Toolkit</b> <ul style="list-style-type: none"><li>• A toolkit aiming to help automate some of the initial tests done when starting VAPT on a target web application</li><li>• Available on Docker and Homebrew</li></ul>
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### LANGUAGES

English  
IELTS - 8.0

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### PROFESSIONAL SKILLS AND INTERESTS

Web Application Security	Leadership and Teamwork
Mobile Application Security	Interpersonal Communication
Network Security	Effective Time Management
Cloud Security	Critical thinking and problem solving
API Security	Decision Making
Thick Client Application Security	Ability to Work Under Pressure
Source Code Review	Ability to Multitask
Bash Scripting	Fast Learner
Microsoft Office	Adaptability