NAMI SHAH

DEVELOPER • CONSULTANT

ABOUT ME

Full stack developer with over 4 years of programming experience. Solid professional and academic background in Cyber Security. With an in-depth knowledge on both programming and security principles, I have developed a comprehensive skill set. Hands-on experience in leading and conducting security assessments. Proficient in front and back-end coding languages, such as Python, React.JS, TypeScript, Swift, Java, Django, and more. Newfound passion for blockchain technology, currently learning with a desire to grow in this rapidly evolving space.

EDUCATION

University of Warwick   2017 - 2018

MSc. Cybersecurity and Management   **Distinction**

Dissertation on "Applying Machine Learning to Automate Detection and Mitigation Processes for On-Going Ransomware Attacks on Windows Environments.".

https://github.com/ShahNami/Dissertation

University College Howest   2013 - 2016

BSc. Applied Computer Science and Cybercrime   **First-Class**

EXPERIENCE

F-Secure Consulting (previously MWR InfoSecurity)   2019 - present

- Open-Source intelligence service development.   **Cybersecurity Consultant**
- Internal tool development.
    - Bucket – Modular Python web scraper for bulk domain parsing and categorising into collections.
    - Impulse – Dockerised and secured calendar manager used to automate the import of events into MacOS.
    - Sn0int (module) – Rust and Python script to bridge commands from the Rust sandbox to the host system.

- Conducted research on the Handshake (HNS) blockchain protocol.
- Infrastructure, mobile and web application testing.
- Led and trained associate consultants to deliver external asset mapping assessments.

App Maven Limited
2019 - present
Software Engineer

- Web and Mobile application development (React, TypeScript, Django, React-Native, Swift, Java / Kotlin).
- Setup and deployed a validator node for the Monet blockchain network.
- Participant in the Mosaic Networks Hackathon
  - Pong 2.0 – Android Peer to Peer game using Babble as the underlying consensus.
- Developed in Ethereum's Solidity.
  - Familiarised with the Ganache framework and Truffle client.
  - Deployed a yield farming smart contract.
- Manage finances, legal and client relationships.

The Security Factory
2017
Penetration Tester

- Web application penetration testing.
- Developed an SSL Scan output aggregator (Python).
- Automated and manual vulnerability analysis using BurpSuite, Nessus, Nmap, OWASP methodologies, and more.

Accenture
2016 - 2017
Security Implementation Services Associate

- Shadowed security assessments.
- Developed and organized a city-wide CTF.
- Consolidated Bills of Materials.
- Reviewed and documented Nagios configurations.

CONTACT

Portfolio	nami.sh
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GitHub	github.com/ShahNami
References	*on request*