

Nikita

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SKILLS

TECHNICAL

Security:

Web Security • API Security • Penetration-Testing • CTFs • BugHunting

Programming:

JavaScript • Node-JS • Python • Django • PHP • MySQL • C • C++ • Algorithms •

Data Structures • Web Development

Tools & Frameworks:

Burp Suite • Express • Django • Git

EDUCATION

NIT GOA

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

CGPA: 8.07/10

NAVY CHILDREN SCHOOL - GOA

XII GRADE

Percentage: 88.6%

X GRADE

CGPA: 9.6/10

LINKS

HackerOne:// [Oxcaptainnick](#)

BugCrowd:// [CaptainNick](#)

LinkedIn:// [Nikita](#)

Blog:// [CaptainNick](#)

Github:// [CaptainNick](#)

Twitter:// [@0xCaptainNick](#)

COURSEWORK

WEB SECURITY

PortSwigger Labs

Web Security Academy

PentesterLab

OWASP Juice-Shop

UNDERGRADUATE

Network Security

Cryptography and Number Theory

Object Oriented Programming

Operating Systems

Database Systems

ONLINE COURSES

Web Development

HTML • CSS • JavaScript • Node JS •

Django • PHP

Git and GitHub

Codecademy • Udacity

EXPERIENCE

IMPACT ANALYTICS September 2020 - Present

Software Developer Engineer

- Developing, Designing and Maintaining infrastructure for User Management and backend codebases for the major components of Product Core platform.
- Responsible for enhancing Product applications by identifying opportunities for improvement, making recommendations and designing and implementing systems that fit best with the customer's demand.

APPSECURE December 2019 - March 2020

Security Engineer Intern

- Performed VAPT by assessing web application's Infrastructure design and Business logic to discover high impact flaws and threats in the application.
- Extensive Manual and Automated Security assessment of various applications with vast technology stack (Node.js, Express, RESTful APIs, PHP, Django, React, Ruby on Rails, GraphQL etc.) and hacking them to discover high impact bugs.
- Developed Black-Box security assessment plan and produced detailed advisory reports regarding all the findings and recommendation for their mitigation.

OUTREACHY May 2019 - August 2019

Software Developer Intern @ F# Software Foundation

- Created FsAutocomplete support for .NET Template Engine ('dotnet new') with the required unit tests and integration tests for production level support code in FsAutocomplete software.

CTF'S

DiceCTF 2021 • ShaktiCTF 2021 • BSides Delhi CTF • DamCTF • TokyoWesterns CTF 2020 • HactivityCon CTF • BSides Ahmedabad BatPwn 2020 • VirSecCon CTF • NullCon Winja 2020 • PicoCTF 2019 • Women Unite Over CTF 2019

PROJECTS

SRISTI-UNICEF : SANSHODH COLLECT May 2018

- An Android app designed for filling out forms to help field scouts from SRISTI-UNICEF and NIF to manage their innovation-documentations.

NICK-IVR: IVR SERVICE April 2019

- NickIVR is a server-side application written in Node.js which implements the Interactive Voice Response (IVR) system interface provided by kookoo.in.

OFFICE AUTOMATION SYSTEM Oct 2018

- Office automation, implemented with XAMPP using HTML, CSS, JavaScript and PHP, helps in optimizing or automating existing office/firms' procedures.

INTERESTS

• Web Security • Penetration Testing • CTFs • Automation and Tooling • Open Source • Algorithmic Design and Analysis

OPEN SOURCE

CONTRIBUTIONS

• OWASP Juice-Shop • F# Software Foundation