

# Anirudh Oppiliappan

icyphox.sh | icyphox@pm.me

## EDUCATION

### SRM IST

B.TECH IN COMPUTER SCIENCE  
July 2017 - Present | Chennai, IN

### NATIONAL PUBLIC SCHOOL

GRADE 12  
Grad. May 2017 | Bangalore, IN

### NARAYANA E-TECHNO

GRADE 10  
Grad. May 2015 | Bangalore, IN

## LINKS

GitHub/[icyphox](#)  
LinkedIn/[icyphox](#)  
Twitter/[icyphox](#)  
Keybase/[icyphox](#)

## INTERESTS

Offensive Security  
Digital Forensics  
Reverse Engineering  
Social Engineering  
Physical Security  
Backend Systems  
Free Software

## SKILLS

### PROGRAMMING

Python • C/C++ • NodeJS • Nim • Shell

### SECURITY

Metasploit • radare2 • Burp Suite • other  
OSS tools

### FORENSICS

Filesystems/Data Recovery • The Sleuth  
Kit • Volatility

### SYSADMIN/DEVOPS

Unix tools • AWS/Digital Ocean and other  
cloud services • Git • CI/CD workflows

## EXPERIENCE

### HEARTFULNESS FOUNDATION SOFTWARE ENGINEERING | PENTESTER

December 2018 - Present | Remote

- Penetration testing web applications, report generation
- Built and deployed a chatbot to collect event data for analytics

### SECTOR443 SECURITY RESEARCHER

September 2018 - Present | Chennai, IN

- Performing active research in DFIR, malware analysis and reverse engineering
- Building open source security tools

### WISOPT SECURITY AND DEVOPS

July 2018 – August 2018 | Chennai, IN

- Penetration testing of web and mobile applications
- DevOps and system administration

### SENSEI TECHNOLOGIES SECURITY INTERN

May 2018 - June 2018 | Bangalore, IN

- Web application security and vulnerability assesment
- DevSecOps and automation – integrating basic web security assesment into the CI pipeline
- Providing long-term solutions for mitigation of security threats

### WEBARCH SYSTEMS SECURITY

September 2017 - March 2018 | Chennai, IN

- Penetration testing web apps, backend systems
- Managing server infrastructure

## PROJECTS

### VITE MINIMAL STATIC SITE GENERATOR

Python, Jinja2

A simple tool to rapidly generate static websites using only Markdown

[github.com/icyphox/vite](https://github.com/icyphox/vite)

### FAB TERMINAL STRING FORMATTING LIBRARY

Nim

Library for the Nim programming language to help build colorful and intuitive CLIs

[github.com/icyphox/fab](https://github.com/icyphox/fab)

### NICY ZSH PROMPT BUILDING FRAMEWORK

Nim

A framework built in the Nim programming language to construct ZSH prompts

[github.com/icyphox/nicy](https://github.com/icyphox/nicy)

### NANOID.NIM UNIQUE STRING ID GENERATOR

Nim

A secure, URL friendly, unique string ID generator built in Nim

[github.com/icyphox/nanoid.nim](https://github.com/icyphox/nanoid.nim)

### CRAP A SAFER ALTERNATIVE TO `RM`

Nim

A CLI tool to safely delete files by moving them to the system's Trash

[github.com/icyphox/crap](https://github.com/icyphox/crap)