

MOHAN KRUSHNA KALLEPALLI

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PROFESSIONAL SUMMARY

- 7+ years of core security experience.
- Currently Leading a team of 5 since January
- Profound knowledge in Web app / Mobile App security and Network Security Analysis.
- Performed source code auditing and thick client auditing for Big-data companies.
- Excellent communication skills, highly proficient in client communication.

EMPLOYMENT DETAILS

Jan. 2017 – Present

Security Analyst, Flipkart Internet Pvt Ltd

- Managing and mentoring the team members in technical and personal development.
- Performing Architectural & Design reviews and Threat modelling to secure the products
- Developing intelligent scripts and tools for automating security assessment of known issues.
- Conducting Security Trainings and workshop events for internal developers and product owners to promote security awareness to ensure system/application security

Jun. 2015 – Jan. 2017

Security Engineer, Ani Technologies (OlaCabs)

Aug. 2013 – Jun. 2015

Security Consultant, Iviz Techno Solutions pvt ltd

May. 2012 – Aug. 2013

Security Pentester/Trainer, Eagle Claw Consulting pvt ltd

EDUCATION

Jul. 2012

Master of Science: Computer Science

- Andhra University

SKILLS

Exploitation	<i>Expert</i>	development	<i>Experienced</i>
pentesting	<i>Expert</i>	automation	<i>Experienced</i>
OSINT	<i>Expert</i>	threatmodelling	<i>Expert</i>
trainings	<i>Experienced</i>		

CERTIFICATIONS

OSCP - Offensive Security Certified Professional (May 2018)

BUG BOUNTY

Google Responsible Disclosure Program

- Got Bounty for reporting multiple security issues in Gmail, GSheets, GCalender, Youtube, GDrive etc

FaceBook Whitehat Program

- Got Bounty from Facebook for reporting security issue in Facebook and Instagram applications

Security Issue details can be found at: <http://blog.mohankallepalli.info/>

CONFERENCES & PRESENTATIONS

BLACKHAT

- Developed & Presented a mobile security analysis tool (MAFIA V0) on BH Arsenal USA - 2018, Los Vegas
- Developed & Presented a mobile security analysis tool (MAFIA V1) on BH Arsenal EU- 2018, London
- Developed & Presented a Developer security training framework on BH Arsenal EU - 2018, London
- Developed & Presented a Developer security training framework on BH Arsenal Asia - 2019, Singapore

OffZone

- Developed & Presented a Developer security training framework on Offzone - 2018, Moscow

OPENSOURCE PROJECTS

MAFIA — Mobile Automation Framework for Intelligent Analysis

- Aim to automate the manual security testing of mobile apps and leverage developers with a tool which helps them identify bugs well in advance.
- Built from scratch, revamped the entire application in python.

WATCHDOG

- Watchdog is an integration of open source security tools aimed to provide a holistic security view for a given domain/IP. It has the capability to perform a scanning to find if it has any known CVE's.
- Built from scratch, revamped the entire application in python.

Kurukshetra — Security Coding *Battle ground for developers*

- Kurukshetra is the first open source framework which provides a solid foundation to host reasonably complex secure coding challenges while still providing the ability to efficiently and dynamically execute each challenge on the basis of user input in a secure sandboxed environment.
- Built from scratch, developed the entire application front end server and admin console in php.

ASTRA — *Automated Security Testing for Rest APIs*

- Astra can be used by security engineers or developers as an integral part of their process, so they can detect and patch vulnerabilities early during development cycle.
- Write modules for SQLi testing and reviewer for overall changes to the application.
- Built reporting features of Astra UI and Dockerised the Astra framework.

RTA — *Red Team Arsenal*

- Red Team Arsenal is a web/network security scanner which has the capability to scan all company's online facing assets and provide a holistic security view of any security anomalies.
- Built reconnaissance engine along with Anirudh
- Built the alerting capability of RTA tool with Slack and Mail configurations

LANGUAGES

PHP	<i>Fluent</i>	Java	<i>Conversational</i>
Python	<i>Fluent</i>	Nodejs	<i>Conversational</i>