

## Address

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about.me/jmabhishek4  
bi0s.in  
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## Languages

English ★★★★★  
Kannada ★★★★★  
Malayalam ★★★★★  
Tamil ★★★★★  
Hindi ★★★★★

## Programming

Python ★★★★★  
Java ★★★★★  
C/C++ ★★★★★  
Shell ★★★★★  
JSP ★★★★★  
PHP ★★★★★  
CSharp ★★★★★  
HTML/CSS ★★★★★  
Smali ★★★★★  
Edify ★★★★★

## OS Preference

Linux ★★★★★  
Android ★★★★★  
Windows ★★★★★

# Abhishek J M

## Cybersecurity Enthusiast

## Experience and Achievements

2015	<b>CVE 2015-5612 and CVE 2015-5613</b> CVE identifier assigned for reporting stored XSS vulnerability in October CMS, an open source Content Management System
2015	<b>Winner, InCTF 2015</b> Won InCTF 2015, a national-level ethical hacking competition, as a part of team bi0s
2016	<b>ISSISP 2016</b> Teaching assistant at the 7th International Summer School for Information Security and Protection 2016 held at Bengaluru, India
2016	<b>Google CTF 2016</b> Secured 68th rank globally and 1st rank nationally out of 1500 participating teams as a part of Team bi0s in Google CTF 2016
2016	<b>Talk on Android Security at Cysinfo Meetup</b> Delivered a talk on "Dissecting Android APK" at the the 8th Cysinfo Cyber Security Community Meetup
2017	<b>UAE and Egypt International CTF</b> Finished 1st in the International CTF conducted by UAE and Egypt National Cyber Security Wing
2017	<b>Amrita InCTF Junior</b> Developed Android challenges for India's first ethical hacking competition for high school students
2017	<b>Google Developer Conference</b> Attended Solve for India: Google Developer Conference held at Cochin, Kerala
2017	<b>Cyber Security Workshop at MEC Cochin</b> Conducted a cyber security workshop at Model Engineering College, Cochin
2017	<b>University Gold Medalist</b> Secured 1st rank in BCA across three campuses of Amrita University
2017	<b>InCTF 2017</b> Conducted InCTF, an International CTF as a part of Team bi0s
2018	<b>bi0s Community Meetup</b> Organized and delivered a talk on Android security at the bi0s Community Meetup held at Cochin

## Social Outreach

- |      |  |
|------|--|
| 2016 | <b>Cyber Gurukulam</b><br>Conducted a week-long cyber security workshop for high school students from all across India   |
| 2016 | <b>Cyber Security Workshop for Andhra Pradesh school students</b><br>Conducted a two week-long cyber security workshop for rural high school students of Andhra Pradesh as a part of government initiative     |
| 2018 | <b>Cyber Security Workshop for Cochin school students</b><br>Conducted a 2 day workshop in collaboration with BIKOS initiative for high school students to create awareness about cyberspace crimes and issues |

## Education

- |             |   |   |
|-------------|---|---|
| 2014 - 2017 | <b>Bachelor Degree in Computer Applications</b> | <a href="#">Amrita Vishwa Vidyapeetham,</a> |
|             | <a href="#">Amritapuri, India</a>               |   |
|             | 9.85  |   |

## Projects

- |      |               |   |
|------|---------------|---|
| 2017 | <b>ADHRIT</b> | <a href="#">Android Dynamic Handling, Reversing and Instrumentation Toolkit</a><br>An open source Android APK reversing and analysis tool that extracts information from an Android application, written with flexibility and light-weight on focus. The tool can do most of the redundant and time consuming tasks involved in the reversing process of Android APK files. Currently the tool can extract the source in Java and smali, check if the application has malware footprints on VirusTotal, identify constant strings in the APK, where string injections could be possible, recompile an APK, check for virtual apps, and disassemble native libraries. The effort is still in progress and aims at building a full-fledged tool for Android security and testing. |
| 2018 | <b>EVABS</b>  | <a href="#">Extremely Vulnerable Android Labs</a><br><br>An open source Android application with intended vulnerabilities acting as a learning platform for Android security beginners  |
| 2016 | <b>RUDHRA</b> | <a href="#">Android Security Application</a><br>An android security application that can educate normal users about some of the very common issues found on Android devices like having USB debugging switched on, having root access etc and help them tackle those issues   |