

# VANSH SANTOSHI

ANDROID SECURITY &  
REVERSE ENGINEERING

github.com/vanshsantoshi  
vanshsantoshi3345@gmail.com  
+91-9658277101

## EDUCATION

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2021-2025	<b>KIIT, BHUBANESWAR</b> B.Tech in Computer Science And Electronics Engineering
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## SKILLS

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- Android Security: Malware Analysis, Application security testing
- System Administration: Linux (Debian, Ubuntu) & Windows command line
- Reverse Engineering: Static & Dynamic Analysis
- Tool set: – Frida, XPosed, APKTool, JEB, JADX, Burp Suite/PCAPDroid/MITMProxy, IDA, Ghidra
- Cloud platforms (PaaS: Heroku, Railway.app, Vercel, IaaS: Google Compute Engine)
- Automation: Android, Web (Selenium)
- Programming Languages: C, C++, Java, Python, Smali (Assembly-like Language), Assembly (basic)
- Android Development: Basic proficiency
- Electronics: Soldering, Basic electronics knowledge

## OPEN SOURCE CONTRIBUTIONS

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### YeetMeet – Contributor (Sep 2021)

<https://github.com/1337wOrm/YeetMeet/pull/47>

<https://github.com/1337wOrm/YeetMeet/pull/49>

- Contributed to a 150+ stars open-source Selenium project written in Python, during high school fixing major bugs and adding new functionalities. Thus, demonstrating early interest in automation and open-source contribution
- Created step-by-step deployment video and text tutorials to support the user community: [Drive Link](#)

### Smali/Baksmali (by Google) – Contributor (Jan 2025)

<https://github.com/google/smali/pull/87>

- Resolved a bug that broke deodexing and disassembling of ODEX (Optimized DEX) files on Android 12+ due to Android Runtime changes
- Updated baksmali logic to correctly locate DEX header in modern odex/vdex files, restoring compatibility. Also updated project documentations to reflect the same

## ACHIEVEMENTS

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Found a possible attack vector in Promon's Mobile App Protection (Used by Axis and various other banking apps)

- While the fix wasn't adopted, the effort was recognized with a \$500 discretionary bounty

## EXPERIENCE

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Nov 2025 – Jan  
2026

### ALLYWIRED SOFTWARE SOLUTIONS

#### **Service Engineer Lvl 2.**

- Worked with Flutter (Dart) to fix UI and logic issues in a live application
  - Modified widgets, layouts, and navigation flows
  - Identified and resolved runtime crashes and UI bugs
  - Updated Android app codebases (Java/Kotlin) for bug fixes and minor feature updates
  - Tested apps on emulators and real devices
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