Praveen MT

Security Developer | Reverse Engineering Enthusiast

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 github.com/
ReverseEngineeringDude

in linkedin.com/in/RedByteSec

🖫 reverseengineeringdude.github.io

Summary

Computer Engineering student specializing in application security and mobile development. Hands-on experience building tools in Python (r2pipe, Streamlit) and cross-platform apps in Flutter. Passionate about reverse engineering, automation, and creating secure, efficient systems.

Education

Diploma in Computer Engineering

SSM Polytechnic College, Tirur

Jun 2024 — Jan 2027

Technical Skills

Python, C, Smali (Dalvik ByteCode), JavaScript, HTML5, CSS, Java, Dart, PHP, Bash, Lua , Assembly, Flutter, Streamlit, Django, TensorFlow, Firebase, ESP-IDF, r2pipe, Radare2

Soft Skills

Curiosity, Problem Solving, Analytical Thinking, Continuous Learning, Team Collaboration

Additional Skills

Reverse Engineering, Penetration Testing, AI & ML, Automation, Web Development, IoT Systems

Languages

Malayalam (Native), English (Fluent), Japanese (Basic)

Projects

LatePass | Flutter & Firebase

https://github.com/ReverseEngineeringDude/LatePass.git

Developed a mobile app to automate late attendance tracking. Integrated barcode scanning for user ID and session management with a Firestore backend for real-time data logging and export.

- BarCode reader
- CRUD oprations

Blind-assist | Dart & Flutter

https://github.com/ReverseEngineeringDude/Blind-assist

A simple flutter app to assist visually disabled person

- Ai powered

Nextify | TypeScript

https://reverseengineeringdude.github.io/Nextify/

Our College startup company Website

- Animation Rich Websites

Akinator_Bot | Python

https://github.com/ReverseEngineeringDude/Akinator_Bot

A powerful mind reader Telegram Bot based on the Akinator Project

- Image preview Enabled

bloodbank | HTML

https://github.com/ReverseEngineeringDude/bloodbank

A Simple Demo Website For College Minor Project.

- dynamic Profile Pictures
- Universal Blood donor finder

YesWeCode | JavaScript

https://github.com/ReverseEngineeringDude/YesWeCode

A powerful Question bank website with admin pannel and firebase

- admin pannel
- firebase
- Modern UI

RedFly

https://github.com/ReverseEngineeringDude/RedFly

HID based Android Remote Controller

- Short cuts
- Live Typing