



Kuzey Arda Bulut

Security Researcher

As a student deeply passionate about cybersecurity, I have developed my skills in areas such as Exploit Development and Cloud Security. Currently, I am focusing on Android Kernel Vulnerability Research, exploring low-level security flaws and exploitation techniques as part of my continuous learning journey in the field.

✉ kuzebyb.business@gmail.com

🌐 kuzeby.rs

✂ @kuzeyardabulut

📍 Istanbul, Turkey

🌐 linkedin.com/in/kuzeyardabulut

🐙 github.com/kuzeyardabulut

WORK EXPERIENCE

Intern Vulnerability Researcher Exodus Intelligence

06/2024 - 09/2024

TX, USA

Performed kernel-level vulnerability assessments on widely used devices.

Vulnerability Researcher Independent

01/2024 - 06/2024

Fuzzed various popular targets, including VMware, found exploitable security vulnerabilities such as ZDI-24-1161.

Intern Security Researcher NYU Tandon School of Engineering

06/2023 - 02/2024

NY, USA

Developed Lind at SSL (Secure System Labs), a virtual machine design improving kernel security by restricting system calls; received team commendation

Security Consultant Skyloop Cloud

08/2022 - 05/2023

Istanbul, Turkey

Performed AWS security assessments for large enterprises and developed a SaaS cloud security application to enhance system protection.

Intern Cloud Consultant Skyloop Cloud

02/2022 - 08/2022

Istanbul, Turkey

Learned AWS services and developed projects to gain practical experience in cloud computing.

Founder deepcik

12/2021 - 03/2023

Istanbul, Turkey

Provided Turkish cyber security resources, connected with entrepreneurs, and gained skills through courses on business development.

PUBLICATIONS

Article

Exploiting io_uring driver via the Dirty Pagetable Method

04/2025

Article

Trying to Enable KCOV on Samsung Galaxy S22

04/2024

Article

DLL Hollowing with Rust Language: Stealth Injection

06/2023

ACHIEVEMENTS

The Researcher Behind CVE-2024-36960:
Uncovering a VMware Kernel Driver Vulnerability
(06/2024)

The World's Youngest AWS Certified Specialist
(09/2022)

Republic of Turkey Defense Industry Presidency
Certificate Of Appreciation (05/2022)

The First Company Owned By A Student In
Teknopark Istanbul (05/2022)

HONOR AWARDS

Winner of iCTF 2023 - High School Category
(12/2023)

University of California, Santa Barbara

Winner of SkyLab CTF (03/2024)

Yildiz Technical University

Cybersecurity Star Award (12/2022)

T.C. Presidential Digital Transformation Office

EDUCATION

BS Cyber Security Engineering

Tallinn University of Technology

09/2025 - Present

Tallinn, Estonia

High School

Teknopark Istanbul Cyber Security High School

09/2020 - 06/2025

Istanbul, Turkey

TECHNICAL SKILLS

Exploit Development

Fuzzing

Reverse Engineering

Kernel Development

DevSecOps

Vulnerability Researching

SFI

DevOps

Rust-lang

C-lang

CERTIFICATES

AWS Certified Security -Specialty (09/2022 - 09/2025) [↗](#)

HACKISTANBUL Training Participation Certificate (10/2021) [↗](#)

ORGANIZATIONS

Turkish National Capture The Flag Competition for High Schools (01/2022 - 09/2024)

As a Head of Technical Board, organized three CTF events in this club, designing reverse and pwn challenges, and setting up cloud infrastructure.

Dungeon of PWNERS (10/2022 - 06/2024)

Co-Founder

Fenerbahçe FC Youth Club (01/2023 - 09/2024)

Member

PERSONAL PROJECTS

A data-only exploit for CVE-2024-0582 (04/2025) [↗](#)

- This repository provides a exploit for CVE-2024-0582, featuring both Dirty Cred and Dirty Pagetable attack methods to gain root privilege.

hunted-rust-bugs (08/2023) [↗](#)

- This repository contains vulnerabilities that I found in Rust projects.

Azure Security Assessment Tool (06/2023) [↗](#)

- An Azure Security Assessment Tool Written with 200+ Rules

RustyLock Ransomware (05/2023) [↗](#)

- An Educational Ransomware Written in Rust.

Rust DLL Hollowing (05/2023) [↗](#)

- Demonstrates the DLL Hollowing technique implemented in the Rust programming language.

INTERESTS

Cryptocurrencies

Compilers

Chess

Malware Development

eBPF

LANGUAGES

English

Full Professional Proficiency

Turkish

Native or Bilingual Proficiency

Russian

Elementary Proficiency