

# Krishnendu Das

 curlytheses |  curlytheses |  Krishnendu Protfolio |  rdas26244@gmail.com |  +91 97482374423

## SUMMARY

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Computer Science student, passionate about software development and data science. Proficient in Python, Java, and C++, with expertise in data analysis, visualization, and machine learning. Committed to ongoing professional development, seeking internships to apply knowledge in real-world settings. Strong team player with excellent communication skills.

## WORK EXPERIENCE

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### Developer Research Fellow - AptosLabs

Aug 2023 - Dec 2023

My academic internship at Aptoslabs immersed me in Web3 and blockchain technology. I gained hands-on experience in blockchain fundamentals, smart contract development, and decentralized application deployment. Collaborating on a groundbreaking project, I honed my skills in Solidity programming and navigated challenges in the rapidly evolving Web3 landscape.

## PROJECTS

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### DoH Traffic Analysis

Jan 2024 - Apr 2024 [Link to Github](#)

This project proposes a machine learning-based system for detecting malware and analyzing DNS-over-HTTPS (DoH) traffic. By leveraging advanced algorithms and feature engineering, GuardianAI can accurately identify malicious software and distinguish between legitimate and suspicious DoH traffic. The implementation involves a comprehensive pipeline for data collection, preprocessing, model training, and real-time monitoring, prioritizing user privacy and data security. This project aims to bolster cybersecurity defenses against evolving threats by offering a sophisticated solution capable of proactive detection and analysis.

### Securing Your Android Fortress

Aug 2023 - Dec 2023 [Link to Github](#)

Hackers can illegally access Android devices through malware, phishing, network vulnerabilities, and social engineering. To prevent this, only download apps from trusted sources, avoid rooting or jailbreaking, use secure networks, and be cautious online. Keep your device and apps updated, use strong lock screen security, and review app permissions. Enable remote tracking and wiping features, and stay informed about cybersecurity threats. Combining these practices can help safeguard your Android device against unauthorized access.

## EDUCATION

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2021 - present

**B.Sc(Hons.) in Computer Science and Electronics**

**Ramakrishna Mission Vidyamandira College, Belur Howrah**  
(GPA: 7.5/10.0)

2019 - 2021

**PCMB**

**WBCHSE**

(Grade: 85/100)

2018 - 2019

**Class 10th**

**WBBSE**

(Grade: 92/100)

# CERTIFICATIONS

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**IBM Data Science Professional Certification**

*Coursera*

# SKILLS

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Category	Skills
Programming Languages	Python, Java, C#, JavaScript, SQL, Swift, PHP, C++
Web Development	HTML/CSS, React.js, Node.js, Django, ASP.NET
Mobile Development	Android Development, Flutter
Database Management	MySQL, Oracle
Version Control	Git
Other Skills	Machine Learning, Data Analysis and Visualization