

Indrajeet Aditya Roy

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Education

- Iowa State University (August 2018 - May 2022) B.E - Computer Engineering (Cyber Security minor)

Skills

- Programming Languages: C, C++, Go, Elixir, Ruby, Python, JavaScript, TypeScript, Java, Kotlin, Swift
- Testing Tools: Selenium, XCTest, JUnit, Mockito, Espresso, Jenkins
- Web development Frameworks: Django, React, Angular, Express, Vue, Rails, Spring
- Mobile development Frameworks: React Native, Native Android
- Version control tools: GitHub, Gitlab
- Cyber-security Tools: Wireshark, Nmap, Metasploit, Burp Suite, Nikto, Nessus, Snort, BeEF
- Language Proficiency: English, French, Arabic, Bengali, Hindi, Bahasa Indonesia

Projects

Pls refer to my portfolio website <https://r0y09.github.io/indrajeet-portfolio/> to view few of my projects

Work Experience

- The RealReal, Software Engineer June 2022 – present

Part of the seller growth team and developed using technologies -- Elixir, Ruby, Typescript/React, GraphQL, Kafka. Produced performant and testable code that directly contributed to company-wide initiatives. Reviewed pull requests and provided constructive feedback to peers & deployed user-facing code to production.

- The RealReal, Engineering Intern June 2021 – August 2021

Worked in the seller/consignor team and assisted in the development of the get paid now seller program. Developed a backend service in Elixir, corresponding frontend client in Ruby Rails.

- Carlin Fit LLC, Engineering Intern May 2020 – August 2020

Developed mobile app (Android, IOS) to be paired with the hardware component of the Purple Bug UV light cleaning product. Worked with BLE communication libraries in Swift and Kotlin.

Research Experience

Deanonymization and Denial-Of-Service Attacks Against the Tor Network. Pls refer to my portfolio website <https://r0y09.github.io/indrajeet-portfolio/> to view the research paper