

Indrajeet Aditya Roy

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<https://www.linkedin.com/in/indrajeet-aditya-roy>

Education

- B.S Computer Engineering (Cyber Security minor), Iowa State University, Ames, IA, May 2022

Knowledge & Experience

- **Programming Languages:** C, C++, Java, Elixir, Ruby, Python, JavaScript, Kotlin, Swift
- **Testing Tools/Frameworks:** Selenium, XCTest, JUnit, Mockito, Espresso
- **Web development Frameworks:** Django, React, Angular, Express, Vue, Rails, Spring
- **Mobile development:** Android, ios
- **SDE Tools:** Git, Docker, Docker-compose, VirtualBox, Vim
- **Written/Spoken Languages:** English, French, Arabic, Bengali, Hindi, Bahasa Indonesia

Projects

Please visit my portfolio website <https://indrajeetadityaroy9.github.io/indrajeet-portfolio/> to view projects.

Work Experience

- **The RealReal, SWE** 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, SWE Intern** June 2021 – August 2021

Implemented and assisted the development of the get paid now seller program. Developed backend services in Elixir and corresponding frontend client in Ruby Rails.
- **Carlin Fit, SWE Intern** May 2020 – August 2020

Implemented the 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.
https://indrajeetadityaroy9.github.io/indrajeet-portfolio/img/CprE530_paper.pdf