O Auth Unmasked: Securing Login Flow

Presenter – Sanchay Singh @ crac-learning-meetup 14 October, 2023

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Founding member of HackersVilla CyberSecurity. With over 6 years of professional experience in the field, I have worked with many top researchers. Mentored numerous students across the globe. Worked with Upgrad Campus and Unacademy (Graphy), designed their security training programs and have given numerous talks at many Security conferences in India.





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Introduction

Understanding OAuth 2.0

Basics

Common OAuth2.0 Vulnerabilities

So.... Mitigations?

- 1. Securely storing access tokens and refresh tokens
- 2. Validating tokens on the server side before processing requests
- 3. Implement Proper Error Handling
- 4. Regular Security Audits and Updates
- 5. Multi-Factor Authentication as an additional layer of security.

Thank You