

Rahul Bardhan

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About Me

Web Application Penetration Tester, self-taught Full Stack Web Developer and very passionate about everything related to Cyber Security. A CTF player on TryHackMe and HackTheBox. Currently pursuing CRTP from Altered Security, and learning the inner workings of attacking and defending Active Directory.

Education

B.E. Computer Science Engineering, Chandigarh University Aug 2018 - Jan 2023
Relevant Coursework: Web Development, Web Security, Programming.

XII, Central Model School Apr 2016 - Mar 2018
Relevant Coursework: Computer Science.

X, Army Public School Apr 2006 - Mar 2016

Skills

Languages: JavaScript, Python, Bash, SQL, HTML, XML, NoSQL, C++, Kotlin, CSS

Frameworks/Libraries: ExpressJS, Django, React, Bootstrap, Mongoose

Technologies/Tools: Linux, Networking, BurpSuite, Hydra, Nmap, Ffuf, Docker, Podman, MySQL, Git

Experience

Information Security Analyst May 2024 – Ongoing
ISOAH Data Securities Pvt. Ltd. On-Site

- I do Vulnerability Assessment and Penetration Testing on Web Applications.
- Secure infrastructures by doing Endpoint and Network Audit.
- I also do Source Code Review to find bugs hidden from a Black-Box approach.
- Find Critical Vulnerabilities on clients web interface. Testing is mainly done based on OWASP Top 10.

Team Lead, API Technical-Integration May 2023 – May 2024
Walmart, RiseOTB Remote

- Test developer APIs to solve issues. Fix networking, authentication and authorization errors.
- Help developers build applications using Marketplace APIs, for sellers who want to integrate their business with Walmart.

Projects

Web-Hacking-Tools | Docker/Podman May 2023

- Image OS based on Ubuntu:latest.
- A collection of my mostly used tools during web penetration testing.

AutoJoin-Zoom | Python Nov – Dec 2021

- A bot to automatically join classes on Zoom app.
- Needs timetables, meeting id's and passwords in a csv file.
- Works for both Linux and Windows. Motivated by endless online classes.
- **System Requirements:** Internet, Python3, Zoom App, PyAutoGui (Python Module)

MyCampSite | Node.js Jan – May 2022

- A web application with features like login/logout, registering new accounts, posting media and reviews.
- Based on the location input, a map is generated dynamically using Mapbox web services API.
- Built using HTML, CSS & JavaScript. Used NodeJs for the runtime and used MongoDB as its database. Used EJS as the template engine.

Certifications

CCNA Essential Nov 2022 – Jan 2023
Indian School of Ethical Hacking OffSec Partner, EC-Council Accredited

- Gained practical knowledge of Router Configuration, Device and Connection Management.
- Learnt about the inner workings of the OSI Model, Client-Server Architecture, TCP 3-Way Handshake, etc.