

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 - **CGPA 6.22** Aug 2018 - Jan 2023
Relevant Coursework: Web Development, Web Security, Programming.

XII, Central Model School - CGPA 7.47 Apr 2016 - Mar 2018
Relevant Coursework: Computer Science.

X, Army Public School - CGPA 8.40 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, 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.
- Found 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.