Dayanand Pathak

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EDUCATION

HMR INSTITUTE OF TECHNOLOGY AND MANAGEMENT
B.Tech. in Computer Science
2017 - 2021 | New Delhi, India

CENTRAL BOARD OF SECONDARY EDUCATION
Class 12th
2017| New Delhi, India

SKILLS

PROGRAMMING LANGUAGES
- C/C++
- Python
- JavaScript
- Also Familiar with Java, PHP and Shell scripting

TECHNICAL TOOLS
- BurpSuite
- Nmap, Wireshark
- Metasploit, SQLMap
- HTML, CSS, Bootstrap, Semantic UI
- NodeJS, Express
- MongoDB, MySQL
- Git, GitHub, Linux

LINKS
- Github:// **0xdaya**
- LinkedIn:// **Dayanand Pathak**
- Twitter:// **0xdaya**

COURSEWORK

UNDERGRADUATE
- Operating Systems
- Computer Networking
- Database Management Systems
- Object-Oriented Programming
- Data Structures
- Algorithm Design and Analysis

ADDITIONAL
- Web Application Penetration Testing
- Network Penetration Testing
- Full Stack Web Development

PROJECTS

VULNERABLE BLOG APPLICATION | Link to project
2019-20
- Blog Application is an intentionally vulnerable site which we can use to demonstrate most common vulnerabilities found in Web Applications such as SQL Injection, Cross Site Scripting(XSS), Command Injection and Cross Site Request Forgery(CSRF). It also shows the defenses against such attacks by implementing secure coding practises.
- Tech Stack: **Semantic UI**, **JavaScript**, **Node.js**, **Express.js**, **MySQL**, **MongoDB**.

CAMPING WEB APPLICATION | Link to project
2019-20
- Camping application is a Full Stack Web Application which shows various campgrounds, users can view, add comments, add their own campground, edit and delete campgrounds with proper authentication and authorisation
- Tech Stack: **Semantic UI**, **JavaScript**, **Node.js**, **Express.js**,**MongoDB**.

COLOR GAME | Link to project
2019-20
- It's a RGB Color Game in which we have to guess the color of squares according to the given RGB value
- Tech Stack: **HTML**, **CSS**, **JavaScript**

MOOC CERTIFICATIONS

SOFTWARE SECURITY by Coursera Inc. 2019-20
- A course which was based on software security flaws and it's preventions

INTRODUCTION TO WEB DEVELOPMENT by Coursera Inc. 2018-19
- Frontend technologies like HTML/CSS and JavaScript

ETHICAL HACKING by NPTEL MHRD, Govt. of India 2019-20
- A course which was mainly focused on Network Security and Web Application Security

HOBBIES
- Learning more about Linux
- Finding vulnerabilities in Web Applications
- Listening to Music