VIKASH KUMAR

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Cybersecurity specialist trained by professionals from quick heal academy and a full stack developer. Presently working on honing cybersecurity skill like VAPT, Malware Analysis and Network Security as well as full stack projects based on MEAN stack. Plans to study more new frameworks and technologies.

Education

- Bachelor of Engineering in Computer Science
  Chitkara University   9 CGPA
  Aug 2019 - Present   Himachal Pradesh
- Senior Secondary (XII), Science
  SRSY College
  Aug 2017 - 2019   Jehanabad
- Secondary School (X)
  D.A.V Public School
  2015-2017   Patna

Technical Skills

- Programming   : Java, JavaScript, TypeScript, C, C++, Shell Scripting, Python, PHP.
- Frameworks   : ReactJS, AngularJS, ExpressJS.
- Databases   : MongoDB, SQL.
- CyberSecurity   : VAPT, Network security, Malware analysis, Digital forensics.
- Operating system   : Windows, Linux.
- Tools   : VS Code, IntelliJ IDEA, Burp Suite, WireShark, Metasploit, Hydra, SqlMap, Virtualisation tools, John.

Projects

- Hello-Pizza
  - Built using AngularJS for frontend, NodeJS for runtime, ExpressJS framework and MongoDB for database.
  - Deployed on heroku.
  - Build your custom pizza before ordering.
  - User can sign up to place an order or view their past orders.
- Tap2win
  - Browser based 2 player game.
  - Deployed on netlify. tap2win
  - Built using basic JavaScript, HTML, CSS.
  - Uses local storage to store scores for players.
- RockFitness
  - Landing page for my local gym and another page to maintain its clients.
  - Built using ReactJS for frontend, NodeJS, ExpressJS on the backend and PostgreSQL for database.
  - Deployed on heroku.
- Malware Analysis
  - Report on live malware sample of DarkSide ransomware.
  - Report available on GitHub.
  - Group project assigned by quick heal.
  - My role was of a group leader and i did dynamic analysis and memory forensics.
- Python Scripts
  - Automated web testing framework using selenium and python.
  - Python script for initial reconnaissance part of VAPT.
  - Web scraper tool.
  - Malware to create backdoor for remote access (RAT).
  - Python script for timing attack to enumerate username.

Achievements

- Global rank on tryhackme platform - 4165.
 [In the top 1%] [Best rank - 3024][Profile - vikashkrdgr8]
- Global rank on HackTheBox platform - 499.
- Rank 43 in Cyberyami ctf