

Vaibhav Tomar

Dehradun, Uttarakhand, 248007

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EDUCATION

University of Petroleum and Energy Studies – Dehradun, Uttarakhand, India

B.Tech CSE

[Currently in Final Year]

Current CGPA: 8.5

SKILLS

- Familiar with ReactJS, Angular and VueJS frameworks
- Practical knowledge of Cloud, OS, Networking, and DBMS.
- Familiar with Java/Python programming, OOPS, Data Structures and Algorithms.
- Practical Knowledge of Microservices architecture.
- Experienced in frontend development and Familiar with MERN stack.
- Proficient in HTML, CSS, and JavaScript.
- Familiar with Linux based Environments and Network Protocol Suites.
- Knowledge of AWS, Docker, Kubernetes.
- Excellent communication and teamwork skills.
- Knowledge of SQL and NoSQL.
- Familiar with Agile Development methodologies.
- Understanding of API and Web App security concepts.
- Experience with AWS/GCP/Azure
- Analytical thinking and problem-solving abilities
- Familiarity with code versioning tools like Git
- Experienced in writing tests such as Unit, Functional, Regression.

WORK HISTORY

- IBM Virtual Internship [April 2023]
- IBM Cyber Security Analyst Intern [June 2023]
- Beatnik community Full Stack Developer (Contributor) [Currently]

Projects

Weather Web Application

- Web application built using the VueJS Framework.
- The application provides real-time weather information to users.

Huffman Encoding Algorithm

- Implemented the algorithm using C and Tree Data Structure.
- The algorithm provides efficient data compression and decompression.

DVAPI (Damn Vulnerable API) web application

- Collaborated in Development of the web application using ReactJS and Flask.
- Employed Top 10 OWASP API Security vulnerabilities as a checklist.

Web3 Crowdfunding Platform

- Collaborated in Development of application which enables decentralized fundraising for projects.
- Developed using ReactJS, Solidity, ThirdWeb Framework.

Open Books Library Web Application

- Developed the application using Angular.
- This platform allows users to find books which are available on open books library portal.

ACCOMPLISHMENTS AND RECOGNITION

- Participated in Hackathons by organizations such as GeeksForGeeks and Solve for Tomorrow by Samsung.
- Top 5 position at SYNOPSIS CTF, showcasing exceptional cybersecurity and problem-solving skills.
- Participated in events such as MLH Global Hack week and participating in 100DaysOfCode, 100DaysOfOSS
- Earned recognition from IBM in the form of a prestigious Bronze Medal for research paper titled "Is Web3 Secure?".
- Secured 2nd position in Cybersentinel Chapter's CTF event, showcasing exceptional skills in cybersecurity and problem-solving

TRAININGS/CERTIFICATIONS

- Fortinet NSE 1
- Cisco Cybersecurity and Networking Fundamentals and IBM Cybersecurity Fundamentals
- Hack the box Operating system Fundamentals

COMMUNITY SERVICE/ VOLUNTEERSHIP

Harit Griha- Meerut City, Uttar Pradesh, India (NGO)

[June 2022]