

## ROUNAK THAKUR

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### EDUCATION

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**Mumbai University**, Atharva College of Engineering, Mumbai  
**Bachelor's in Engineering**, Computer Engineering  
Cybersecurity, Blockchain, IoT, OOP, Database Management and Cloud computing  
June '23 (Expected)  
**CGPA: 9.31**

**MSBTE**, Thakur Polytechnic, Mumbai  
**Diploma in Engineering**, Computer Engineering  
Operating Systems, Computer Networking, Web Development, Data structures and Algorithms  
Nov '20  
**Percentage: 84.63%**

### TECHNICAL SKILLS

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**Cloud hosting** - Google Cloud, Heroku and 000webhost

**Cybersecurity** - Penetration Testing, Social engineering, Honeypot, Brute force and network/system administration

**Operation system** - Windows, Ubuntu, Arch Linux and macOS

**Web development** - HTML/CSS and PHP

**Programming languages & Databases** - Python, Java, PHP, MySQL and PhpMyAdmin

**Tools** - VScode, visual studio, photoshop, premiere pro, Metasploit and burp suite

**Version Control & IoT** – Git, Github, Raspberry Pi, Arduino Uno, and Nvidia Jetson nano

### WORK EXPERIENCE

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**Vaisansar Technologies Pvt. Ltd**, Mumbai, India

*CyberSecurity Consultant Intern*

Sept '21 - Nov '21

- Monitored multiple projects on malware detection and protection, **reduced attacks on Content Delivery Networks and SSL cross-site scripting by 15%**
- Performed random security inspections for a site containing **1500** employees users to ensure the validity and safety of all technical operations
- Scanned sites for malware and security risks regularly, saving over **5000** computers from unwanted and unwarranted threats and destruction
- Discovered **3+ potential vulnerabilities**, threats in web servers and suggested upgrades

**Nibodh Educare Pvt. Ltd**, Mumbai, India

*Web Dev Intern*

Jul '20 - Aug '20

- Organized and **taught hands-on training** for adobe software to entire technical team
- Provided **in-house IT support to the CEO** and management team
- Assisted in troubleshooting issues on web-based systems and helped in website maintenance

*Summer Intern*

May '19 - June '19

- Identified problems uncovered by testing or customer feedback, and corrected them by mentoring a team of 4 more developers to **improve the performance by 35%**
- Design and implement web site security measures such as firewalls or login encryption

**ISTE Thakur Polytechnic**

July '19 - Jan '20

*Senior Member*

- Built an environment to conduct educational and technical events
- Managed college's technical event IEEE paper presentation which had 150+ participants

### ACADEMIC PROJECTS

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**Object Recognition Tool for Visually Impaired** (Google Cloud Vision API, Raspberry Pi, Python, GTTS)

This object detection module gives the output in audio format which could be helpful for people with impaired vision or the ones who have visibility problem