

# Som Takalkar

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## Profile

I am a Final Year student at Maharashtra Institute of Technology with a strong interest in Cybersecurity, Computer Networks, and new global trends. I thrive in team environments and am committed to continual personal and professional growth through academic projects and practical coursework. I also enjoy learning from others and have diverse interests, including exercising, gardening, and trekking

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## Projects:

1. Instagram Clone: This project here is to show my skills in React.js, vite.js, Firebase, and Chakra UI  
[https://github.com/SomTakalkar/instagram\\_clone.git](https://github.com/SomTakalkar/instagram_clone.git)
  2. Calculator: This project here is to show my skills in React.Js  
<https://github.com/SomTakalkar/calculator-app.git>
  3. Tic Tac Toe with AI: Game with AI integration using Minimax algorithm and React, enabling real-time gameplay via a Node.js and Socket.IO backend  
[https://github.com/SomTakalkar/AI\\_TicTacToe.git](https://github.com/SomTakalkar/AI_TicTacToe.git)
  4. To-Do App: This project here is to show my skills in JavaScript, CSS and HTML  
<https://github.com/SomTakalkar/To-Do-List.git>
  5. Ansible Playbook: This Ansible role automates the provisioning and configuration of target hosts clearly documenting prerequisites, configurable variables, and inter-role dependencies for seamless integration.  
[https://github.com/SomTakalkar/ansible\\_demo1.git](https://github.com/SomTakalkar/ansible_demo1.git)
  6. Password Manager: A secure and user-friendly password manager built with React, Node.js, and Vault, featuring AES-256 encryption, 2FA, and a password generator.  
[https://github.com/SomTakalkar/Password\\_Manager](https://github.com/SomTakalkar/Password_Manager)
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## Experience

1. Tata Communications Dighi, Pune  
Intern 01-2025 to 06-2025
  - Monitored and Analyzed configurations inter-system communication (Overlay Network, IPSEC, SDWAN Policies) across SD-WAN platforms (Cisco Catalyst, Versa, Fortinet).
  - Managed and documented user stories and workflows in Jira with clear acceptance criteria, mimicking integration documentation needs.
  - Created Excel-based data trend reports using VLOOKUP, pivot tables to summarize Development Trackers.

## 2. Tata Communications Dighi, Pune

Network Engineer 07-2025 to Present

- Working on SDWAN Technologies like Versa SDWAN/SASE, Fortinet, Cisco Catalyst.
  - Managing and Configuring Headend devices as well as CPEs for Various Customers.
  - Solving Real -world complications and problems related to In-Production devices
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## Education

- B. TECH in Electronics and Computer Engineering | 2021-2025 | Maharashtra Institute of Technology, Chhatrapati Sambhaji Nagar | CGPA: 7.63
  - Higher Secondary Certificate (HSC) | 2019 – 2021| Deogiri Junior College, Chhatrapati Sambhaji Nagar| Percentage: 83.83%
  - Secondary School Certificate (SSC) | 2018 - 2019 | Jain International School, Chhatrapati Sambhaji Nagar | Percentage: 70%
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## Skills

- Languages: JavaScript, Python, SQL, C
  - Frameworks: Flask, Django, Ansible
  - Linux (Ubuntu, Redhat/RHCSA, Kali)
  - Tools: OpenShift AI (AI267), WireShark, Nmap, VMware, VirtualBox, Firebase.
  - Soft Skill: Communication, Adaptability, Reasoning
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## Certification and Badges

- Certification: (Google-Coursera, HackerRank, IBM-Coursera)  
[https://drive.google.com/drive/folders/182wtys5xDcnFOXr2Jg191wICF1Zu08-\\_?usp=sharing](https://drive.google.com/drive/folders/182wtys5xDcnFOXr2Jg191wICF1Zu08-_?usp=sharing)
- Badges Credly: (Google Cloud, Redhat) <https://www.credly.com/users/som-takalkar>
- NPTEL Certification in Ethical Hacking  
[https://drive.google.com/file/d/1lXRTjKD3lGcVARqxzT5eK4pnoVlkMq-p/view?usp=drive\\_link](https://drive.google.com/file/d/1lXRTjKD3lGcVARqxzT5eK4pnoVlkMq-p/view?usp=drive_link)