CHAVAN ADITYA SUNIL

B.Tech. - Computer Science and Engineering
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MIT | Academy of Engineering
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

BRIEF SUMMARY

As an avid enthusiast in Cybersecurity and technology, I am currently pursuing my Bachelor's degree in Technology with a specialization in Cybersecurity as my elective track. Throughout my academic journey, I've actively engaged in end-to-end web development projects, including openCV applications. Eager to deepen my understanding of trending technologies and further enhance my skills, I remain open to new challenges and opportunities for growth.

KEY EXPERTISE

Python   OpenCV   Cyber Security   C++   SQL   Cloud-Computing

EDUCATION

MIT Academy of Engineering, Pune   2021 - 2025
B.Tech. - Computer Science and Engineering | CGPA: **7.12 / 10**

S.S.C. College ,Junnar, Pune, Pune   2021
12th | MSBSHSE | Percentage: **91.67 / 100**

S.B.P. Vidyalay, Junnar, Pune, Pune   2019
10th | MSBSHSE | Percentage: **78 / 100**

INTERNSHIPS

PaloAlto | IT / Computers - Software   15 Sep, 2023 - 15 Nov, 2023
Software Trainee

Key Skills: Python   Network Security   Cyber-security

Conducted Security Assessments
Gained Hands-On Experience with Security Tools
Enhanced Technical and Analytical Skills
Worked on Real-World Projects
Developed Cybersecurity Knowledge

PROJECTS

Anti-drowsiness System   01 Oct, 2023 - 29 Mar, 2024
Mentor: Dr.Chetana Nemade | **Team Size:** 3

Key Skills: Python   Opencv   Image Processing   Django

This Anti-Drowsiness System is designed to detect signs of driver fatigue or drowsiness using a computer vision approach. The system continuously analyzes a driver's facial features to monitor eye movement and detect when the driver is becoming drowsy. It primarily uses the Eye Aspect Ratio (EAR) method to assess whether the driver's eyes are closing, which is a common indicator of drowsiness. If the system detects that the driver's eyes are closed for a prolonged period, it triggers an alert to warn the driver to stay awake.

Student Support System   18 Oct, 2022 - 17 Mar, 2023
Mentor: Dr.Vaishali Vangikar | **Team Size:** 4

Key Skills: HTML   CSS   Bootstrap   Spring MVC

Student Support System: Performance Analysis and Co-Curricular Activities Platform
Developed a comprehensive Student Support System that empowers students to analyze their semesterly academic performance and track co-curricular activities. The system provides a user-friendly interface, allowing students to gain valuable insights into their educational journey

ASSESSMENTS / CERTIFICATIONS

CCNAv7: Switching, Routing, and Wireless Essentials

Key Skills:

Networking Protocol | Network Security | Cisco products | Operating systems | Routing and switching protocols

Virtual networking

Explain how to support available and reliable networks using dynamic addressing and first-hop redundancy protocols.
Configure dynamic address allocation in IPv6 networks.
Configure WLANs using a WLC and L2 security best practices.
Configure switch security to mitigate LAN attacks.
Configure IPv4 and IPv6 static routing on routers.

CCNAv7: Introduction to Networks

Key Skills:

Networking | Network Theory | Networking Protocol | Network design methodologies. | Knowledge of service providers

Computer Networking

Configure switches and end devices to provide access to local and remote network resources.
Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.
Configure routers to enable end-to-end connectivity between remote devices.
Create IPv4 and IPv6 addressing schemes and verify network connectivity between devices
Explain how the upper layers of the OSI model support network applications.
Configure a small network with security best practices. Troubleshoot connectivity in a small network.

MATLAB Onramp

Key Skills: MATLAB | C++

Introduction to MATLAB
Data Analysis and Visualization
Programming Techniques
Numerical Computation
Algorithm Development

Red Hat System Administration I (RH124)

Key Skills: Redhat | Redhat Linux | Operating Systems

Understanding of essential Linux administration tasks, enabling them to manage and maintain Red Hat Enterprise Linux systems effectively. This foundational knowledge is crucial for advancing to more complex system administration tasks covered in subsequent courses.

Zscaler Cybersecurity Fundamentals Associate Course   08 Feb, 2027

Key Skills: Cyber Security | Cloud Security | Network Security

Acquired foundational knowledge in cybersecurity, including threat landscapes, vulnerabilities, and risk management.
Gained insights into cloud security models (IaaS, PaaS, SaaS) and mitigation strategies for cloud security challenges.
Developed expertise in Zscaler's cloud security platform, including Zscaler Internet Access (ZIA) and Zscaler Private Access (ZPA).
Gained practical skills in configuring security policies within the Zscaler platform and understanding policy enforcement.

EXTRA CURRICULAR ACTIVITIES

- Nakshatra volunteering

PERSONAL INTERESTS / HOBBIES

- Football ,Photography, Trekking & Travelling

WEB LINKS

- Github - https://github.com/aaditya20003

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Near Gnajanan Maharaj Mandir Front to the MIT ACS college Gokuldham Society, Pune, Maharashtra, India - 410502

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Date of Birth: 26 Feb, 2003

Known Languages: Marathi, English, Hindi

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