



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2025	B.TECH	IIT Kharagpur	9.25 / 10
2021	Telangana State Board Intermediate Certificate	Sri Chaitanya Junior Kalasala	97.6%
2019	Telangana State Board Secondary School Certificate	PACE School	9.8 / 10

INTERNSHIPS

Linux Internship | LinuxWorld [June 2023 - July 2023]

- Successfully configured network interfaces and expertly implemented highly optimized settings on Enterprise Linux servers.
- Demonstrated proficiency and exemplary skills in effectively scheduling automated tasks for seamless and streamlined execution.
- Effectively utilized the robust NFS protocol to seamlessly access, efficiently manage, and optimize network-attached storage.

Cybersecurity Intern | Skolar [January 2023 - February 2023]

- Developed a solid foundation in fundamental cybersecurity techniques including N-mapping, SQL injections, and Wi-Fi hacking.
- Actively participated in professional training sessions to deepen knowledge and understanding of the dynamic field in cybersecurity.
- Assisted in conducting security assessments and comprehensive vulnerability testing to strengthen organizational defenses.

PROJECTS

Student Database Management System

- Implemented robust authentication mechanisms, including role-based access control, to ensure secure access to administrative functions. The system verifies the credentials of users, such as admins, using username and password authentication.
- Developed a comprehensive student database management system that enables efficient organization of student records. The system allows for storage and retrieval of student information, including their first name, last name, roll number, and CGPA.
- Utilized effective file handling techniques to enhance the persistence and portability of the student database. By efficiently managing data, the system ensures data integrity and enables easy transfer of the student database across different environments or systems.
- Find the source code at <https://github.com/lohitakshay/Student-Database-Management-System.git>

CERTIFICATIONS

Comprehensive DevOps Training | Udemy

- Proficient in DevOps tools and technologies, including AWS, scripting, Jenkins, Github Actions, Ansible, Docker, Kubernetes, and Terraform.
- Understood DevOps processes enabling effective implementation and management of DevOps practices in projects and teams.
- Demonstrated practical skills through projects showcasing the integration and application of various DevOps technologies, providing a solid understanding of their real-world implementation.

Bug Bounty Hunting and Web Security Testing | Udemy [December 2023]

- Proficient in identifying and mitigating web vulnerabilities like IDOR, CSRF, XSS (Reflected, Stored, DOM-based), SQL Injection, SSRF.
- Skilled in security assessments such as info disclosure, path traversal, cookie manipulation, and bypassing security filters (CSP).
- Experienced in tools like Ferox Buster, Burp Suite (Proxy, Intruder - Simple/Cluster-bomb, Repeater, Collaborator), WSL, and Dev tools.
- Profound grasp of web basics: HTTP (headers, status codes, methods), input parameters, cookies, HTML, JavaScript, XML.

Google Cloud Computing Foundations | Google Cloud [October 2023]

- Demonstrated expertise in creating, managing, deploying virtual machines, storage-centric cloud infrastructure.
- Proficient in building secure networks, configuring load balancers, utilizing Cloud Shell, leveraging data, machine learning, AI technologies like BigQuery, Cloud Speech AI for actionable insights and value-driven outcomes.
- Acquired practical skills in various Google Cloud services: Compute Engine, Kubernetes Engine, Access Management, and Dataflow

Google Cybersecurity | Google (Coursera) [June 2023]

- Attained proficiency in leveraging cybersecurity frameworks, controls, and common tools to protect against threats and vulnerabilities.
- Acquired expertise in mitigating network vulnerabilities, ensuring the integrity and confidentiality of network infrastructure.
- Developed practical skills in Python, Linux, and SQL, enabling task automation, system management, and database security.

Skolar cybersecurity | Skolar [February 2023]

- Acquired expertise in information gathering, vulnerability assessment, maintaining access and network security testing.
- Developed a strong grasp of cybersecurity concepts, including identification of risks and techniques to protect networks and data.
- Obtained knowledge of web-hosting, domains, web-security measures and the use of Google dorks for vulnerability identification.
- Gained practical experience in utilizing ethical hacking tools such as Kali Linux, Tcpdump, and Windows security features, along with understanding encryption, penetration testing and website security through techniques like SQL injection and XSS.

SKILLS AND EXPERTISE

Programming Languages - | C | C++ | Python | HTML |
Tools - | Linux | SQL | Wireshark | Tcpdump | Splunk | Chronicle |
Familiar with Software - | Microsoft Office | Visual Studio Code | Arduino | Adobe Premiere Pro |