

Priyanshu Kumar Sharma

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EDUCATION

Ajeenkya D Y Patil University

B.Tech in (IT) Cloud Technology and Information Security — CGPA:9.89

Pune, India

Aug 2022 - Ongoing

Sri Chaitanya Jr. Kalasala

Higher Secondary Education — Percentage: 93.9

Hyderabad, India

April 2020 - May 2022

Sri Chaitanya High School

Secondary Education — Percentage: 87.6

Hyderabad, India

April 2018 - March 2020

TECHNICAL SKILLS

Programming Languages: C, Python, Java, Dart, SQL, Shell Scripting

Development: HTML, CSS, Flutter

Libraries and Tools: LaTeX, Pandas, Numpy, Matplotlib

DevOps Tools: Git/GitHub, Terraform, Pulumi, GitLab, Redis

Cybersecurity Tools: Nmap, Nslookup, Lynis, Wireshark, SQLmap, Metasploit

Cloud Computing: AWS, Azure

Languages: English, Hindi, Gujarati

WORK EXPERIENCE

Network Security Associate Virtual Intern

EduSkills Foundation, Pune

July 2024 - September 2024

- Completed the **Fortinet Network Security Associate Virtual Internship**, organized by **AICTE and EduSkills**.
- Gained knowledge in network security principles and their application in protecting network infrastructures.
- Developed skills in identifying and mitigating network threats and vulnerabilities.
- Learned about the latest trends and best practices in network security.

Cloud Research Intern

Indian Institute of Technology Ropar, Punjab

May 2024 - July 2024

- Involved in research projects under an IIT professor
- Working on the implementation of **XFbench** and **XFaaS**.
- Developing serverless function implementation.
- Conducting performance analysis and optimisation of serverless functions.
- Part of the **Summer Research Fellowship Program**, 2024 by the **Indian Academy of Science, Bangalore**.

Cloud Security Virtual Intern

EduSkills Foundation, Pune

April 2024 - June 2024

- Completed the **Zscaler Zero Trust Cloud Security Virtual Internship**, organised by **AICTE and EduSkills**.
- Gained knowledge in **Zero Trust Principles** and their application in cloud security.
- Developed skills in securing cloud environments and protecting data assets.
- Learned about the latest trends and best practices in cloud security.

PROJECTS

- **Quantum Cloud Integration**, Developed a hybrid cloud-quantum system integrating cloud computing with quantum processing for enhanced computational efficiency.

Features:

- Workflow integration between classical cloud and quantum systems.
- Secure and scalable hybrid cloud implementation.
- **Tools Used:** AWS, IBM Quantum, and Docker.

[GitHub](#)

- **SkyVault**, Built a personal cloud storage system using Docker containers, providing an interactive UI.
Features:
 - File uploading, listing, and downloading functionalities.
 - Dockerized deployment for easy scalability.
 - Secure authentication and data storage.
 - **Tools Used:** Flask, HTML, CSS and Docker.

[GitHub](#)

- **Ecobizz: An E-commerce App**, An app built using Dart language and Flutter SDK.
Features:
 - Runs on both iOS and Android devices.
 - A platform for sustainable products.

[GitHub](#)

- **Li-Fi Tech**, Research work about Light Fidelity.
Features:
 - A new way to share information.
 - Developed an IoT device through which messages can be passed using light instead of Wi-Fi.

[GitHub](#)

EXTRA-CURRICULAR ACTIVITIES

- **Vice President** in Matheletes(Maths Club) - March 2023 - July 2025
- **Core Member** in Happier and Safer Internet Club - October 2023 - October 2024

CERTIFICATIONS

- Fortinet Certified Fundamentals in Cybersecurity
- Fortinet Certified Associate in Cybersecurity
- Zscaler: Fundamentals of Cybersecurity (EDU-102)
- Zscaler: Zero Trust Certified Associate (ZTCA)