Priyanshu Kumar Sharma

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EDUCATION

Ajeenkya D Y Patil University   **Pune, India**
B.Tech in (IT) Cloud Technology and Information Security — CGPA:9.89   *Aug 2022 - Ongoing*
Sri Chaitanya Jr. Kalasala   **Hyderabad, India**
Higher Secondary Education — Percentage: 93.9   *April 2020 - May 2022*
Sri Chaitanya High School   **Hyderabad, India**
Secondary Education — Percentage: 87.6   *April 2018 - March 2020*

TECHNICAL SKILLS

Programming Languages: C, Python, Java, Dart, SQL, Shell Scripting
Development: HTML, CSS, Flutter
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 Internshi**p, 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)**