

# 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

**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](#)

- **AI-Powered SaaS Platform**, Built a **Software-as-a-Service (SaaS) platform** leveraging AI to provide automated business solutions.

Features:

- Integrated **Machine Learning models** to analyze user data and provide actionable insights.
- Full-stack development using **React.js, Node.js, and Python**.

Tech Stack:

- **Framework:** Next.js 14
- **Styling:** Tailwind CSS
- **Database:** Prisma, Neon DB (PostgreSQL)
- **Authentication:** Clerk
- **Video Storage:** Cloudinary
- **Deployment:** Vercel

[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

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

## CERTIFICATIONS

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