

RAHUL VIJAN

Cloud Engineer

+91 8879924274

<https://www.rahulvijan.tech>

@ rahul@rahulvijan.tech

Mumbai, Maharashtra, India



EXPERIENCE

Cyber Security Engineer

Virtually Testing Foundation

05/2022 - 07/2022

- Learned and Implemented MITRE ATT&CK, Basic Pentesting, Android Security, and Networking.

ASP.NET Developer

CMP Infotech

12/2021 - 01/2022

- Built a Cloud Storage Web Application with Face Recognition as a 2 Factor Authentication.
- Handled base 64 strings from frontend to backend, rebuilding images that were utilized for recognition and registration.
- Working with MSC SQL Database for RDBMS User Data, Protection from SQL Injection.
- Technical Documentation.

Azure Developer

Microsoft (Future Ready Talent)

03/2022 - 04/2022

- Worked on Sharing a Common Disk between 2 Load Balanced Servers using Active Directory Domain Services via Failover Cluster in an Availability Set, Proximity Placement Group, for HA.
- Azure Shared Disk is utilized by the Web App to make data shareable locally between 2 servers resulting in High Availability.

Internet of Things Developer

IoTIoT.in

02/2022 - 06/2022

- Developed and deployed a Modbus RTU to Modbus TCP gateway enabling communication between Serial and TCP Ports.
- Managed Project Repository on GitLab which included CI/CD environment, Issues, Wiki, ReadMe, and Milestones.

SKILLS

AWS	Microsoft Azure	GCP	Git	Linux	Docker
C	C#	Python	ASP.NET	HTML	JS
SQL	IoT	Modbus	Microcontrollers	Time Triggered	
Embedded Systems	FPGA	Verilog HDL			

AWARDS

- Wizards of Creation, 1st Prize & Fr. Dr. Thomas Schwarz Award in Project Exhibition and Competition
- 3rd Prize in Inter-Department Project Competition

EDUCATION

Bachelors in Engineering (EXTC)

Xavier Institute of Engineering (2023)

Mumbai, India

GPA

8.6 / 10.0

CERTIFICATIONS

GCP Certified Professional Cloud Architect

AWS Certified Cloud Practitioner

Azure Fundamentals (AZ-900)

Azure AI Fundamentals (AI-900)

Microsoft Security, Compliance and Identity Fundamentals (SC-900)

MTA: Software Dev Fundamentals

MTA: Intro to Programming using Python

SafeTTY Certified Level 0

PROJECTS

1) SCloud

12/2021 - 01/2022 Mumbai, India

https://github.com/rv2442/Cloudbased_filestorage

Cloud Storage Web Application with Face Recognition as 2F Authentication (Open Source).

- SCloud is a cloud storage web application where the user can store, update, and delete data.
- Data can be shared among registered users.
- Each user has a 1 GB usage quota.
- Clients can also have 2-factor authentication to protect their data via face recognition.
- The Application was deployed for High Availability on Microsoft Azure, ensuring 99.95% uptime.

2) IoT Surveillance Car

01/2021 - 07/2021 Mumbai, India

<https://github.com/rv2442/Iot-Surveillance-Car>

Internet of Things Surveillance Car (Open Source)

- This IoT-based Surveillance Car can be controlled and tracked globally, providing real-time data feedback using sensors.
- Remote monitoring from a camera on a Cloud Endpoint.
- It works on sim connectivity utilizing an embedded wireless router system.
- The System is Cloud Integrated, using Microsoft Azure and Arduino IoT Cloud.
- The Idea and implementation of this project were well supported by the Arduino IoT Community, and University Faculties.