

RAHUL VIJAN

Cloud Engineer

+91 8879924274

<https://www.rahulvijan.tech>

@ rahul@rahulvijan.tech

Mumbai, Maharashtra, India



EDUCATION

Bachelors in Engineering (EXTC)

Xavier Institute of Engineering (2023)

Mumbai, India

GPA

8.6 / 10.0

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.

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)
Udacity: Cloud Architect using
Microsoft Azure Nanodegree

MTA: Software Dev
Fundamentals
MTA: Intro to Programming
using Python

SafeTTY Certified Level 0

SKILLS

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

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.

- 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>

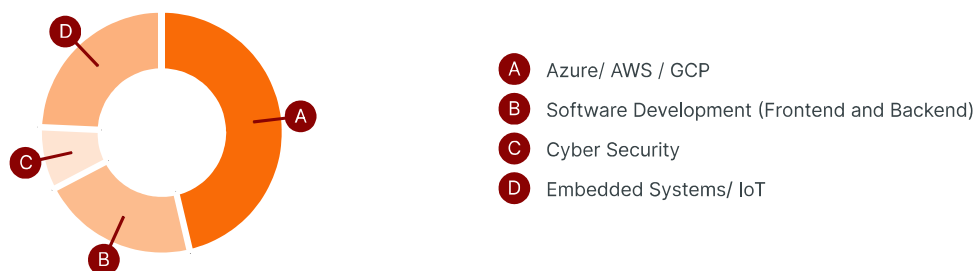
- This IoT-based Surveillance Car can be controlled and tracked globally, providing real-time data feedback using sensors.
- Remote monitoring from a camera on a Cloud Endpoint.
- It works on sim connectivity utilizing an embedded wireless router system.
- The System is Cloud Integrated, using Microsoft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

3) Employee Database App

📅 01/2022 - 05/2022 📍 Mumbai, India
🔗 <https://github.com/rv2442/16BitScientificCalculator>

- This is an Employee Database Management Desktop Application developed using Python and SQLite.
- Based on TKinter and Easy GUI.
- Object Oriented Programming Approach.
- It has basic functionalities to create, modify, delete individuals, delete all, import, and export CSV formatted data for all users.

PROFICIENCY



AWARDS

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