

HARSHIT RUWALI

Backend Application Engineer

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WORK EXPERIENCE

Backend Developer

Sept 2022 - Current

itilite

- Worked in the mobile backend team and developed and maintained the features for mobile application.

Tech stack: JavaScript, NodeJS, sql, serverless aws lambda

- Given various poc some are building the aws infra from code using aws cloudfront(AWS CDK), mounting node_modules from EFS in lambda using serveless framework.
- Worked in new serveless micro services architecture revamp project where I was the owner for complete Priceline vendor integration from Priceline vendor call to booking flow.

Tech stack: Python, fast-api, MongoDB, kafka, aws stepfunctions, aws lambda

DevOps Engineer Intern

May 2022 - Sept 2022

Plypicker

- Set up pipelines for the web using Github Actions, AWS Code Pipeline and then Deploying them to ec2 instances via Code Deploy which are under a load-balancer and auto-scaled as needed.
- Monitoring and maintenance of infra post setting up
- Setup Bastion Host for private servers to increase the security

Penetration Tester & Security Specialist Intern

Jun 2021 - Jul 2021

Power2Create

- Black Box API Penetration Testing
- Secure Code Review

PROJECTS

Personalised Voice Assistant

Aug 2020 – Jan 2022

- Recognising the speaker from his/her speech and giving personalised results. Unlike the Google's Voice Assistant or Siri, this would recognise the voice of multiple users.
- Technology: TensorFlow, Keras, Python, PyAudio, Flask API dev, Sever management
- Project got selected for finals in [Sony's Dreams To Reality Finalist 2022](#)

Speaker Identification

Aug 2020 - Mar 2021

- Speaker Identification using 1D CNN.
- Epochs: 10, Accuracy: 98%
- Speakers: 3, Dataset time: 10 mins
- This is a support repo for the main Project - Personalised Voice Assistant.

EDUCATION

Bachelors in Technology in Computer Science

2019 - 2023

Vellore Institute of Technology, Bhopal

CGPA: 8.34/10

ACHIEVEMENTS

- Finalist of Sony's Dream to Reality Contest
- 1k+ reputation in StackOverflow
- Pro-Hacker @ HackTheBox
- Wizard(0xA) @ TryHackMe