Ritesh N R

Engineer

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To Successfully design and develop highly available, scalable and robust SaaS solutions

EDUCATION

Bachelors Of Engineering
Acharya Institute Of Technology

2021

Facial Recognition System to collect Student Attendance

- Led a team of 3 engineers that built Facial Recognition Technology to collect student attendance
- Developed a program to verify student attendance using Facial Recognition Technology that is currently used by the Electrical and Electronics Department at AIT
- Collected and processed raw image files using Raspberry Pi High Quality CameraWrote Python script to process images and create training data that was stored in an Microsoft Excel database
- Developed Python script to uniquely identify a person by analyzing patterns based on the person's facial textures and shape, and automatically verify student attendance

WORK EXPERIENCE

Associate Engineer
Revel

Tasked with

- Developed a website.
- Performed Maintenance on the website.
- Integrated online payment system(Api Plugins).

SOFTWARES/FRAMEWORKS & SKILLS

`Java` `Python` `C/C++` `DSA` `Embedded C`
`RestAPI` `SQL` `NoSQL` `POSTMAN`
`Selenium` `Spring Boot` `Tableau` `Html`
`Redis` `MySQL`

PERSONAL PROJECTS

Java Web application using Spring boot
- Developed a learn spring boot Website on local host server
- Developed a RestApi Project using Spring Boot
- Developed a ToDo Spring Boot project using RestAPI's
- Developed Library Management App using Spring Boot

ToDo Web Application ↗
- Developed a FullStack Project using Java Spring Boot
- Used Html, CSS and JSPs to build the Frontend of the Project and link it to the Backend of the Project
- Developed Login for user using Spring Security and stored the user data in H2dataBase
- Developed Various Models, Repositories, Services and Controllers to build the api's . Developed RestApi to perform CRUD on the Data

Library Management Web Application ↗
- Developed a Library management Application using Java Spring boot 3
- Developed Various Models, Repositories, Services and Controllers to build the api's
- Developed RestApi's to perform CRUD on the data
- Used the redis NoSQL database to store the data of the project

Mini Projects
- Used RestApi to Get and Post data from a carsales Website from udemy
- Used RestApi to Get and Post gifs from GIPHY
- Used Postman to Get, Post, Delete and Update Api
- Used tableau, Mysql to do data analysis using data from udemy
- Automated websites using Selenium WebDrivers and Eclipse IDE