RAGUL R

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ACHIEVEMENTS

First Prize in Safetython   2023

- Conducted by Uyir Foundation in collaboration with Tamil Nadu Police
- Proposed the idea of an AI powered Dynamic traffic regulatory system
- Honoured by Commissioner of Police, Coimbatore with cash prize of INR 12,000

Certificate for the development of DLAPP   2022

- Honoured by Dean of AURCC for developing DLAPP for Android and Web

PROJECTS

API Server (https://api.aurcc.in)

- An API server for all the services running in our university domain.
- *Tech Stack:* Python, FastAPI, Keycloak, Python, PostgreSQL and SQLAlchemy

DAMS (https://dams.aurcc.in)

- A web app for student attendance managment system.
- *Tech Stack:* Keycloak, podman and Vue.js

AUSMART (https://ausmart.aurcc.in)

- A web app for college students to give suggestions to the Dean of college securely.
- *Tech Stack:* Keycloak, podman, Vue.js and Telegram Bot API

INFORMATION KIOSK

- A web app to show important news and announcements to college students.
- *Tech Stack:* Python, GTK, Webkit, HTML and Next Cloud

DLAPP (https://dlapp.aurcc.in)

- An Android and a web app to request permission from HOD & Dean of AURCC.
- *Tech Stack:* Kotlin, Nuxt, tailwind css, daisyUI and Firebase Realtime Database and FCM

CONFERENCES

State of Stateless - A Talk about Immutability and Reproducibility in Debian   DebConf 2023

Presented a talk on DebConf23 about Immutability, Reproducibility in Debian.

EXPERIENCE

DevOps   2021 - 2023
Anna University Regional Campus, Coimbatore

- Maintaining one of the college servers for the DGATE cell
- Developed and deployed above mentioned services in the backend server

Secretary of Tamil Mandram   Semester 6, 7
Anna University Regional Campus, Coimbatore

- Conducted various competetions for Independence day   2023
- Organized an event called தமிழ் 4.0 to create awareness about FOSS   2023

EDUCATION

Bachelor of Engineering   Expected 2024
Anna University Regional Campus, Coimbatore   CGPA - 8.67

High School   2020
SRM Muthamizhl Higher Secondary School, Salem   CGPA - 9.03

Secondary School   2018
Bharathi Vidhya Mandir Matriculation School, Salem   CGPA - 9.76

SKILLS

Programming languages	C, Rust, Python, Javascript, PHP, Java, Kotlin and Lua
Tools	Git, docker, podman, keycloak and meson
Frameworks	FastAPI, NuxtJs, VueJs and Flask
Databases	PostgreSQL, MySQL, Mongodb, Redis and Firebase
Soft skills	Communication skills, Leadership quality(coordinator of Tamil Mandram), Creativity and Critical thinking