Ritik Saini

Full Stack Developer

A Jack-of-all-trades, really trying hard to be good at all of them! From front-end design to back-end architecture, I thrive on building cohesive and user-centric applications that make people's lives better.

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WORK EXPERIENCE

Full Stack Developer,
Flying Flamingos IN Private Ltd

10/2022 - Present   *Bengaluru ,IN*

Flam is a company that democratizes 3D AR content creation and camera-first consumption.

Achievements/Tasks

- Collaborated with team to develop Flam App, a 3D application enabling users to create more then 10,000+ stylised avatars ,create and consume AR-based content.
- Revamped backend services, and overhauled and updated the technical infrastructure to further improve its performance, scalability, reliability, and security.
- We solved a long-standing issue with video preview generation by rendering a 3D model and applying animation to the avatar through bone retargeting in the backend.
- Wrote a library that provides a simple and lightweight API for loading, manipulating, and saving glTF files. It supports all the GLTF features, including meshes, materials, animations, and skins.
- Daily tasks: Code review, Product Discussion, Code Writing, and Deployments.

Solution Engineer
Deqode Solutions

07/2021 - 10/2022   *Indore,IN*

Achievements/Tasks

- Moved our Application from Ethereum to multichain with Rarible SDK, Wrote E2E Test cases for the Defi application improving the code coverage from zero to 85%.
- Led the FE team in providing the NFT drop feature from scratch in our Web3 marketplace app. Implemented SSR with caching to reduce load time in the app using Redis and Upstash.
- Built an application for the client that will be used to create crypto Signals and calls with a plan-based subscription system.
- Worked in the team and built multiple SPAs that were developed and deployed individually and then used in multiple applications with the help of module federation allowing rapid development.
- All code was reviewed, perfected, and pushed to production.

Solution Engineer Intern
Deoqde Solutions

01/2021 - 07/2021   *Indore, IN*

Achievements/Tasks

- Went through extended training on Git.
- Went through Deqode training program involving training for HTML, CSS, JS, ReactJS, and VCS.
- Learning good coding practices and teamwork.

TECHNOLOGY STACK

JavaScript · Python · Kotlin · Typescript · Java · NestJS · NextJS · ReactJs · FastAPI · FastAI · Git · MongoDB · Firebase · Milvus DB · Redis · PostgreSQL · Unity · GLTF · Jest · Cypress · Selenium · SQS · AWS · GCP · Docker · Lambda · Tailwind CSS · Material UI · Code Review · Product Discussion

EDUCATION & ACHIEVEMENTS

B.Tech in Computer Science (07/2017 - 07/2021)
- **LNCT Bhopal - 8.4 CGPA**

XII in PCM (04/2016 - 04/2017)
- **AVS School - 85%**

X (04/2014 - 04/2015)
- **AVS School - 7.6 CGPA**

OPEN SOURCE CONTRIBUTIONS

https://github.com/google/ filament ☐

https://github.com/SceneView/sceneview-android ☐

ACHIEVEMENTS

SIH 2021 Winner

2 x Flam Fire of the week