

Anshul Saraf

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Portfolio | LinkedIn | Github

EXPERIENCE

SDE-INTERN | Appscrip

Remote | Aug 2021 - Present

- Developed native android applications and frameworks using Kotlin and Java
- Implemented robust app architectures and complex user interfaces
- Applied knowledge of Android system frameworks to solve novel problems
- Collaborated with designers, engineers, product managers to build great experiences

RESEARCH SCHOLAR | IIT-Kanpur

Remote | May 2021 - July 2021

- Conceptualize a model for hospital placement in a developing region, which can be further scaled to Fire-departments.
- Developed and test models using modern optimization studio, CPLEX and GAMS.
- Managed interactions with University and coordinated with various professors to implement necessary tasks

TECHNICAL SPECIALIST | FSAE GS Racers

Indore | Sep 2018 - Feb 2019

- Redesigned braking system of a formula-student car using SolidWorks
- Simulated wheel-assembly of current system with Ansys and optimized it for better performance to cost ratio.
- Increased the efficiency of wheel-assembly by 24% using automated testing and simulation

SKILLS

Tech Stack Python, Kotlin, C++, Java
Frameworks Git, Android, Spring, Flask, SQL/NoSQL, TeX
Practices Git-Ops, MVP, MVVM, Spring-MVC

PROJECTS

OPTIMIZE-IT | Kotlin, Python, Android, Flask-REST

- Bundle of Android app and **O-R Tools** API for solving optimization problems.
- Presents MVVM architecture integrated with Room-persistence and asynchronous API callbacks .

NARUTO | Java, Kotlin, Spring, Android

- App utilises offline first approach and implements "Single Activity-multiple Fragments" pattern.
- Uses **NarutoDB** API to fetch data and integrating persisted data in the database via repository pattern.

EDUCATION

S.G.S.I.T.S | B.Tech, Production Engineering
CGPA: 7.91

Indore, India | Aug 2018 - May 2022

ST.PAUL | High School Graduation, Mathematics
CGPA: 8.35

Indore, India | June 2017 - July 2018

ADDITIONAL ACTIVITIES

MongoDb Certification

July 2021

Six Sigma White Belt Certification

April 2021