

Mr. Shardul Gogate

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SUMMARY

Software engineer proficient in Android, iOS and ReactJS Application Development. Specializing in object oriented software design, front-end design for user interface, user interaction and user navigation design.

EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, IL

Expected May 2024

Master of Computer Science (MS), Majoring in Software Engineering

Relevant Courses: Science of Programming, Cloud Computing, Enterprise Web Application

MES ABASAHEB GARWARE COLLEGE, PUNE, INDIA

Master of Science (M.Sc.), Majored in Computer Science

2019 - 2021

Relevant Courses: Software Architecture and Design Patterns, Software Project Management, Design and Analysis of Algorithms, Artificial Intelligence & Machine Learning

Bachelor of Science (B.Sc.), Majored in Computer Science

2016 - 2019

Relevant Courses: Object Oriented Software Engineering, Web Frameworks, Operating System, Computer Networking

SKILLS

- Android Application Development - Java, Kotlin
- iOS Application Development - Objective C, Swift
- Cross-platform Application Development - Flutter, React Native
- Web Application Development - ReactJS
- Backend Server Technologies - NodeJS
- Database Technologies - SQL, MongoDB
- User Experience - User Interaction Design, Navigation Design, User Interface Design

RELEVANT EXPERIENCE

Software Engineer (Mobile Application Developer, Web Application Developer)

2021 - 2022

Spring Computing Technologies Pvt. Ltd

(Pune, India)

- Maintained existing and designed new features for Android and iOS applications of a product in healthcare domain in respective native development environments of both operating systems
- Designed user interface and wrote APIs for user authentication and profiling, contact verification, profile feed, media knowledge elements, health dashboard to expand application functionalities
- Redesigned user interface of user profile module to match Google Material Guidelines, and Redesigned user profiling and health parameters' dashboard on web client in ReactJS, creating a user friendly dashboard access
- Designed and constructed Biometric authenticated login system using Android OS' KeyStore and KeyGen and iOS' Keychain tools and LocalAuth frameworks
- Implemented WebSocket communication between mobile client and server for video conferencing module to improve network reconnection during ongoing calls
- Devised therapeutic survey and response data module, and integrated it with health dashboard to construct a easy navigation flow while keeping the user well informed about vitals

PROJECTS

Developer of Academy Manager App

2020 - 2021

RhYDrum Academy (R)(TM)

Pune, India

- Led a team to develop an application for RhYDrum Drumming Academy. Built using a single code base in Flutter Framework and Google Firebase for backend services, it was deployed to Google and Apple Stores

Developer of Artist Collaboration Management App

2019 - 2020

Art My Breath (R)

Pune, India

- Created an Android Application for "Art My Breath Organization". The application was built using Kotlin, with Google Firebase for backend services, and was deployed for internal use on personal domain

Developer of Museum Artifact Inventory App

2018 - 2019

Maratha History Museum

Pune, India

- Created an Android Application for Museum Inventory Management for Deccan Institute, Pune. The application built using Java, with Google Firebase for backend services

Co-CURRICULAR ACTIVITIES

- Completed 1 month certificate course on Web development using Wordpress and Wix by Directive Apps, Pune (2018)
- Completed 3 month Digital Ethical Hacking certificate course by MCED, Pune (2018)
- Participated in inter-collegiate football competitions and in departmental festivities as a Keyboard player and a Drummer during undergraduate and postgraduate studies (2016-2021)