

# Riya Achu Thomas

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## Objective

Obtain a full-time position as a Software Engineer that allows me to utilize my current knowledge and real world application experience, while still expanding my coding skill and design skill sets in a team oriented environment.

## Experience

**AWS | GCP | AZURE INTERNSHIP|360 DIGIT MG. | September 2022 – Present**

### AWS

- A solid background in Linux/Unix and Windows server system administration.
- Experience in designing and building web environment on AWS, which includes working with services like EC2,ELB,RDS,S3.
- Experience in Configuring the Elastic Load Balancer while provisioning Auto Scaling Groups and Route 53.
- Experience in Creating and Managing buckets on s3.
- Extend the solution with CloudFront.
- Make versioning on & Cross-region replication on.
- Experience in Creating a life cycle policy.
- Experience in Creating a manual snapshot of EBS.
- Add a life cycle rule to create an automatic snapshot.
- Experience in Creating an EFS storage.
- Mount EFS to linux EC2 machine.
- Experience in Creating a RDS instance with MySQL engine and Dynamodb.
- Experience in Login mysql database on linux EC2 instance.
- Enable or Disable notifications for a Notification Rule.
- Experience in Creating an isolated VPC with 2 networks in a single VPC(public and private).
- Experience in creating basic AWS Lambda web page.
- Experience in set up Redshift Client and access Redshift Cluster using Redshift Spectrum using Query Editor.
- Experience in load data from s3 bucket to Redshift Cluster using Tableau Data Connector.
- Good knowledge on EMR,Terraform,Cloud watch.

### GCP

- Experience in designing and building web environment on GCP, which includes working with Virtual Machine Instance,image out of instance,instance group,HTTP load balancer.
- Experience in Creating an custom VPC with subnets and launching a VM in the VPC.
- Experience in Creating and Managing,Versioning buckets on s3 and host a static website in GCS.
- Experience in Creating User in IAM console.

### AZURE

- Experience in Creating VNet and Subnets and deployment of VMs.
- Experience in configuring NIC private and public IPs,internal and external DNS resolution.
- Experience in Creating Load Balancing.
- Experience in working with Bobs and Azure RBAC.

**SENIOR SOFTWARE ENGINEER |DEXLOCK TECHNOLOGIES. | November 2019 – Aug 2022**

### Flutter Experience

- Responsible for architecting the project using MVVM pattern for IOS,Android and Web.
- Experience working with popular libraries for networking,asynchronous,image loading.
- Experience in [GetX & Provider](#) state- management framework.
- Experience in [Razorpay & Chargify](#) payment gateway integration.

- Experience in [Agora & Twilio](#) video call .
- Implemented [Sentry & Alice](#) functionality to find exceptions.
- Experience in Firebase integration.
- Implemented Chat room using [socket .io](#) included Online Status and Last Seen in chat room.
- Implemented [PDF](#) generator and uploaded via chat.
- [Dynamic linking](#) integrated in this project so users can easily share their products through social media and other platforms(Face book login and Google sign up).
- Implemented Auto fill login credentials in both android and ios.
- Good understanding of BlocBuilder and DDD(Domain Driven Design) principles.
- Implemented CI/CD.
- Experience in uploading application in Play Store and App Store.

**App Store/Play Store Id :- LifeMD , Highrich , Telehealings**

### Android Experience

- Developed native Android applications and features in java using MVVM pattern.
- Collaborated with quality engineers user research, product management, design and support teams to ensure quality in all phases of app development.
- Prototyped and built innovative features using the newest APIs and SDKs on the android platform.
- Familiarity with cloud message APIs ,Locations, Camera and push notifications
- Understanding of Google's Android design principles and interface guidelines.
- Experience working with remote data via REST and JSON.
- Proficient understanding of code versioning tools, such as Git.
- Utilized advanced functions of the Java software development kit (SDK) in order to optimize the flexibility of apps to different mobile devices.
- Ensure that apps are tested to meet total performance requirements.
- Skilled at UI design data access and security.
- Good understanding of Agile methodologies.
- Knowledge of the open-source Android ecosystem and the libraries available for common tasks.

**App Store/Play Store Id :- Upcomer Esports , Doukani , Humfit**

### ANDROID DEVELOPER |CODEFOLKS TECHNOLOGIES. | August 2018 – November 2019

- Knowledgeable about back-end development and documentation Enthusiastic facilitator for client solutions.
- Explicit knowledge of mobile device architectures and mobile development platform.
- Used MYSQL database for data persistence.
- Used Git as version control.
- Designed and built applications for Android platform, and collaborated with cross-functional teams to define, design, and launch new features.

### Skills

- Lead Engineer of 2 projects • Strong team collaboration skills • Quality assurance
- User Experience Design • Complex Problem-Solving • Efficiency Improvement
- Responsible for overseeing and managing all aspects of projects from conception to completion.
- Strong ambition towards learning something new with the ability to apply that information quickly.

### Tools And Techniques

- Java • C/C++ • Dart • Linux/Unix OS • XML • Git • Putty • Notion • Postman • Swagger
- Provider • Getx • Socket.io • MVVM • Xcode • Scrum • Flutter • Unit testing • REST API
- Android Studio • Android Studio Jetpack • SQL • DB browser for SQLite

### Education

#### MG UNIVERSITY

Saintgits College of Engineering

B.Tech Degree in Computer Science and Engineering CGPA-7.4

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