

## Rakesh Kumar K

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### Profile

A versatile Software Engineer; Highly experienced in building amazing experiences in E-Commerce, Retail, Banking, Insurance, Consumer Electronics and Aerospace domains on Full Stack development and Mobile frameworks like Android and React Native.

### Frameworks and Languages

- Core Java, J2EE, Kotlin, Spring Boot, Spring Cloud, Spring Batch, React JS, Redux, SQL Server, PCF, Spring Service Registry, Zuul, Rabbit MQ, Gitlab and Github Actions CI/CD and EKS on AWS ,Docker, Kafka and Redis, Oracle DB, SqlServer.
- Cloud Native development with AWS cloud using EKS, Docker containers, SQL Server & AWS EC2.
- Core Java, Kotlin , React Native, Redux, HTML and CSS.
- Android SDK with Java and Kotlin, Google activity recognition API, Google play services with Google Maps API, Google Location API. SQLite, RxJava2, Dagger2, Retrofit2, Test automation tools like Espresso, JUnit, Mockito Unit testing, Android Architectural Components OAuth 2.0 and Rest API implementations using Android Studio as the IDE with Android SDK. Firebase for Push Notification and Analytics.

### Professional Experience

#### **LEAD CONSULTANT ENGINEER – FICO – JULY 2022 - PRESENT**

Developing microservices to clients that provide credit ratings and suggestions of loans to potential end customers.

Created multiple batch services using Spring Batch to process millions of records and provide allocation and suggestions on credit products to customers.

Technology used: Java, SpringBoot, SpringBatch, React JS, SQLServer, Oracle DB, Maven, Gradle, Docker , Kubernetes & Redis, AWS for Cloud deployment.

#### **SENIOR SOFTWARE ENGINEER, ONE TRUST LLC – MARCH 2022 – JUNE 2022**

Working as a Java developer. OneTrust provides privacy and compliance software. I work on multiple microservices that provides privacy compliance checking to companies for the data stored by them.

Technology used: Java, SpringBoot, SQLServer, Gradle, Azure Kubernetes Services, Docker Kubernetes & Cosmos DB.

#### **SENIOR SOFTWARE ENGINEER, WELLS FARGO INDIA (BANKING) – OCT 2021 – MARCH 2022**

Working as a full stack developer modernizing legacy Banking systems to microservice architecture using PCF as private cloud, Jenkins for CI/CD and Azure as public cloud.

Technology used: Java, SpringBoot, React JS, SQLServer, Gradle, PCF & AWS for Cloud Deployment.

#### **SENIOR SOFTWARE ENGINEER, BOEING INDIA (AEROSPACE) – DEC 2018 – SEPT 2021**

Working as Full Stack developer on Management System for Boeing.

BMS Notification System: Developed notification system where the user can select various notifications that the user wishes to receive. Developed Micro-services for notification service and deployed on AWS.

App Catalog Service: Developed a microservice that provides a list of all the applications that the user has access to. User can create and modify apps and their visibility to other users.

BMS-Mobile App: Developed Dashboard application where data is collated from various departments to help make better decisions on the company's future. This app is developed on React Native platform for both Android and iOS.

Technology used: Java, Kotlin, SpringBoot, React JS , SQLServer, Gradle, React Native and AWS for cloud deployment.

### **TECHNICAL SPECIALIST, PHILIPS INDIA (HEALTHCARE AND CONSUMER ELECTRONICS)– MARCH 2016 – DEC 2018**

Developed a framework called App Framework which enforces architecture to be followed for developing all Philips Android apps. Collaborated with the architect and product owner in realizing the architecture and the requirements to ensure Android ecosystem could support the requirements.

Developed a Tele-health services library app which provides Video conferencing services to patients to talk to Doctors. This was integrated into an existing Philips app called uGrow.

Developed a Health care domain app call SleepMapper which helps users track their sleep pattern. This has hardware connectivity to 2 hardware devices called Somneo and SmartSleep. These devices track users sleeping patterns and suggest the ideal way and time to sleep.

[https://play.google.com/store/apps/details?id=com.philips.cl.uGrowDigitalParentingPlatform&hl=en\\_IN](https://play.google.com/store/apps/details?id=com.philips.cl.uGrowDigitalParentingPlatform&hl=en_IN)

<https://play.google.com/store/apps/details?id=com.philips.src.hss&hl=en>

Technology Used: Android Native using Java and Kotlin with Android Bluetooth and Wi-Fi Framework.

### **CONSULTANT, ALLSTATE SOLUTIONS PRIVATE LIMITED (INSURANCE) – DEC 2013 – MARCH 2016**

Worked as on developing multiple Location based services modules for Consumer facing app called Allstate Mobile. Module included helping in finding the consumers car and finding the nearest gas station using location based services. Also worked on an application called DriveWise mobile that tracked users driving behaviour to check for safe driving and rebate the consumers on insurance premium. Also worked on several POC's for Internet of things SDK integration, e.g.: NEST (Google Inc.) SDK.

<https://play.google.com/store/apps/details?id=com.allstate.drivewisemobile>

<https://play.google.com/store/apps/details?id=com.allstate.view>

Technology Used: Android Native

### **SYSTEMS ENGINEER TRAINEE / SYSTEMS ENGINEER, INFOSYS LIMITED(SERVICES) – AUG 2010 – DEC 2013**

Worked in various domains like banking, retail and telecom sectors in developing rich mobile applications. Worked for Star hub (Malaysia telecom) in developing product catalog application for in store purchases. Worked for Staples US(retail) in converting their web content into mobile application including product cataloging and purchasing. Worked for Barclays UK(Banking) in developing Mobile wallet and Mobile banking solutions for customers. This included NFC bases payment and purchase module which provided tap based payment solutions.

Technology Used: Android Native with NFC.

## Education

1. PGP- Artificial Intelligence and Machine Learning from Great Learning Executive Program.
2. Bachelor of Engineering in Information Technology, Global Academy of Technology, Bangalore recognized by V. T. U, Belgaum, India (July 2006 - July 2010), Aggregate: 65.93 %
3. 12<sup>th</sup> Standard, Vidya Mandir Ind. PU College, Karnataka Pre University Board, Bangalore, India (June 2005 - Mar 2006), Aggregate: 85.33 %
4. High School, B.P. Indian High School, Karnataka State Secondary Education Board, Bangalore, India (June 2003- April 2004), Aggregate: 78.88 %

## Personal Snippet

Date of Birth: 25-06-1988, Passport: Available, Address: #A676, 60 FEET ROAD, AECS LAYOUT A BLOCK, KUDLU SINGASANDRA, BANGALORE 560068.