ABDUL RAHMAN

Senior Software Engineer

Abdul Rahman K

Door No 6/3 KK Flats, 13/6 EVR Periyar Street,
Lakshmipuram, Thiruvanmiyur,
Chennai, Tamil Nadu 600041

+919176488864 , +919791100288

Website: https://abdulrahmank.github.io/about
Email: kadkab.abdul@gmail.com
Github: https://github.com/abdulrahmank
Medium: https://medium.com/@kadkab.abdul
LinkedIn: https://www.linkedin.com/in/kadkababdul
StackOverflow: https://stackoverflow.com/users/2414073/abdul-rahman-k

Skills

Backend development - Ruby on Rails, Golang, Java and Kotlin (Spring boot)

Devops - AWS ECS, Docker.

Frontend development - Server side rendering, JQuery, React JS

Mobile development - Android native app development, Flutter app development and iOS native app development

Mindmap of detailed skill set can be seen here: https://www.xmind.net/m/tg5bGC/

Experience

Simpl / Senior Software Engineer
June 2019 - PRESENT, Bangalore

As a senior software engineer(Backend), I'm responsible for maintaining and developing microservices that will add more features to the existing product. Responsibility also includes lead sharing.

ThoughtWorks / Senior Developer Consultant
June 2016 -May 2019, Chennai (3 Years)

As a developer consultant , I was responsible to deliver high quality software by following good engineering practices like CI/CD and advocating for the same. Responsibility also includes mentoring new joiners, and project management.

HealthifyMe / Android Developer
Feb 2016 - May 2016, Bangalore (4 months)

Was responsible for adding features to existing android app.

Urjanet / Software Engineer
Mar 2015 - Feb 2016, Bangalore (1 year)

Was responsible for maintaining existing application and was responsible for automating processes to speed up delivery..

Education

BS Abdur Rahman University / Bachelor of Technology(Computer Science and Engineering)

June 2011 - May 2015, Chennai

Graduated with a CGPA of 9.28 / 10. Final year project was: Handwriting recognition for Tamil in android. Completed IEEE computer society SWEBOK certification program.

Hindu Senior Secondary School / High school (12th)

June 2009 - Mar 2011, Chennai

Current Projects: (Simpl)

Payment Api:

Responsible for adding features to a service that user's use to make payment.

Callouts: Completed refactoring that helped reduce the complexity of adding new features.

Tech stack: Ruby on rails, jQuery

POS Dashboard:

Responsible for creating and leading the maintenance of a server side rendered service to allow cashiers to charge users, using manual facial recognition.

Callouts: Successfully created and deployed the service from scratch within a week, with no prior knowledge of Ruby on rails and no knowledge of existing codebase.

Tech stack: Ruby on rails, jQuery, Webcam JS, AWS ECS

Backend For Frontend:

Responsible for creating and leading the maintenance of a micro service component sitting between mobile frontend and other services, which does authentication, multiplexing and reverse proxy.

Callouts: Was recognized for successfully creating a flexible yet easily configurable service.

Tech stack: Golang, KrakenD, AWS ECS

Users Api:

Responsible for leading the maintenance of a service that is responsible for holding all user related data.

Callouts: Successfully lead the migration of 190M records from PSQL to DynamoDB, for performance and cost optimisation

Tech stack: Golang, DynamoDb, pSQL, Redis

Previous Projects: (ThoughtWorks)

Retail mobile app:

A mobile app project that lets user's place order from near by stores.

Responsible for:

1. Analyzing the new feature requirements with the context of existing code.

2. Leading the development of the android version for the feature requests.

3. Developing iOS version for the feature requests.

Callouts: Was recognized for uplifting the image of android team among client android developers.

Tech stack: Android app development (Java), iOS app development using swift, Spring boot, Gitlab-ci.

Marketing Catalyst:

Responsible for developing a web app, which is used to indicate and maximise Various KPI's like ROI for the user's investment in different advertising platforms.

Callouts: Was recognized for contributing a wide range of approaches in huddles. Was recognized for critical questioning about the business decisions when scoping.

Tech stack: ReactJS, R (rlang), Java (Spring boot), PostgreSQL, Redis, Ansible, Cucumber test framework, Gitlab-ci, Octopus (CD).

Previous Projects: (HealthifyMe)

Previous (HealthifyMe):
Responsible for adding new features to the existing android app
Tech stack: Java, Xml

Previous Projects: (Urjanet)

Previous (Urjanet):
Override tool:
Responsible for creating an Eclipse plugin that will be used by developers for creating a Json that will be used in CD pipeline.
Callouts: Successfully pitched the idea and executed the project. It reduced the 6 hours to 3 days of work to be completed in a few minutes. Was awarded the change maker award for the same.
Tech stack: Java, eclipse plugin development

Utility bill extractor:
Owned a few templates(Web scraper and data extractor) within the system.
Tech stack: Java, eclipse plugin development

Ongoing Projects (Open source/Pet projects):

Retail Biddah:
A POS solution with the aim of tackling the difficulty in learning to use computers for retail shop owners/ cashiers. The solution involves microservices backend and Android frontend. Responsible for developing both the Backend system, the Frontend mobile app and deployments of the same
Callouts: This is a leisure time activity to help my father's business. This software is compatible with Sunmi POS systems.
Tech Stack: Flutter, SunmiOS, Golang, RubyonRails, Microsoft Azure, Docker, Kubernetes, Kafka

**Ongoing Projects
(Open source/Pet
projects):**

GitC:
 A command line tool application to cache git ignored files, to remove redundant builds. (Maintainer, Owner)
Tech Stack: Golang

GoCP:
 An ambitious command line tool to mimic cp command with similar performance. (Maintainer, Owner)
Callouts: Was able to attain a performance which is thrice as slow as cp command.
Tech Stack: Golang