

ABDUL RAHMAN

Senior Software Engineer

Abdul Rahman K

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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 for delivering 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 applications 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, PostgreSQL, Websockets, Redis, jQuery, AWS ECS, AWS KMS

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, PostgreSQL, Websockets, jQuery, 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, PostgreSQL, DynamoDb, Redis

Previous Projects: (ThoughtWorks)

Retail application: (Sep 2017 - May 2019)

An application that lets users place orders from nearby stores.

Responsible for:

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

2. Leading the development of features in **Backend for frontend service in micro service architecture**.

3. Leading the development of features in the existing **android app**.

4. Developing iOS version for the feature requests.

Callouts: Was recognized for uplifting the image of the android team among client android developers. Was recognized for the refactorings done to reduce complexity in Backend code.

Tech stack: Spring Boot(Kotlin and Java), Android app development (Java), iOS app development (Swift), Gitlab-ci.

Marketing Catalyst: (June 2016 - Sep 2017)

Responsible for developing a web app, which is used to indicate and maximise Various KPIs 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: Spring boot(Java), ReactJS, R (rlang), 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 the 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