Phone number: (+44) 7932034049
(+91) 8407980663

Email: rahul.kbaphana@yahoo.com

Rahul Baphana

SUMMARY

Mr. Rahul Baphana is a seasoned engineer with over 11 years of experience in developing enterprise software applications and products for global clients.

He has worked predominantly on JAVA/SCALA/Kotlin/Ruby based Agile projects. TDD, XP & Agile are some of the XP practices he utilises to create robust, scalable and elegant software. His code is always clean, modular and founded on SOLID design principles.

He also likes working in different programming paradigms like functional programming and object-oriented programming.

Strong believer and follower of clean coding practices.

He also brings relevant experience of working with multi-component, micro-services and streaming based ecosystems.

TECHNICAL SKILLS:

Languages	Ruby, Kotlin 1.4 and above, Java 8 and above, Scala, Groovy, Clojure, python, Java Script
Databases	DB2, MSSQL, Postgres, Oracle, MongoDb, Elasticsearch, IMDG (Gemfire), GraphDB(Neo4j)
DevOps	AWS, TERRAFORM, DOCKER, K8S
Frameworks/Libraries	Rails, Micronaut, Springboot, Play framework, Akka-htpp, React, AngularJS, Aurelia
Testing libraries	Rspec, Kotest, Junit4 and 5, Spock, Wiremock, Mockito
Methodology & practices	SRE, TDD, XP, Test pyramid, Pair-programming, Agile, Scrum
Build Tools	Bundler, Maven, Gradle, Sbt, Gulp, Yarn
Version Control	Github, Gitlab, SVN, Mercurial

EMPLOYMENT HISTORY:

ORGANIZATION	TENURE
GoCardless	November 2021 - Present
Medly (India)	April 2021 - October 2021

TransferWise (London, UK)	September 2019 – March 2021
ThoughtWorks(India)	December 2017 – September 2019
Equal Experts(India)	March 2015 - December 2017
IdeaS Revenue Solutions (India)	March 2014 – March 2015
Amdocs (India)	August 2013 – March 2014
John Deere (India)	August 2010 – August 2013

RECENT PROJECTS

GoCardless

Working as *Software Development Engineer-III* for orchestrating financial transactions for direct debits and instant bank pays.
Responsibilities:
- Focusing on end to end development – Requirement gathering to releasing in production.
- Driving cross team communication and architecture discussions to solutionise efficiently and meeting the deadline.
- Doing peer code reviews.
- FR(First Responder)duties for production issues.
- Incident management and writing postmortems.
- Collaborating with customer support and operations teams.

Tech and practices: Ruby 3.1, Rails, Postgresql, Google pubsub, git, github actions, TDD and pair-programming, Xtreme Programming with agile methodologies.

Medly

Working as Software Development Manager for DPH, Alternate NDC and core patient-service.
Responsibilities:
- Working on setting up the development process.
- Involved with the recruitment process.
- On-boarding new team members.
- Helping team members with blockers.
- Solutionizing and architecting, recording ADR for the same.
- Regular PR reviews.
- Filling in gaps between business and development teams.
- Involved with coaching grads with real projects and training.

Tech and practices: Kotlin 1.4/1.5, Micronaut, Postgresql, AWS lambda, AWS Kinesis streaming, terraform, git, github actions, TDD and pair-programming, Xtreme Programming with agile methodologies.

Wise (formerly TransferWise)

Working as Product Engineer (Senior Software Engineer) for the LatAm region focusing on the Brazil market.

Responsibilities:

- Working on compliance requirements for the region.
- Focusing on end to end development – Requirement gathering to Deploying in production.
- Driving cross team communication and architecture discussions to solutionise efficiently and meeting the deadline.
- Doing peer code reviews.
- Helping team to focus on best practices for development.
- On-call duties for production issues.
- Collaborating with customer support and operations teams.
- Demoing developed features every sprint.

Technologies & practices involved – Java 8/9/10/11/12/13, Spring-boot, Spock, Groovy, Circle CI, Kubernetes, Docker, Micro-services, Apache kafka communication and streaming solutions, Elastic search and kibana for logs, Slack for team and production alerts.

ThoughtWorks

Client - Credit Suisse

It was a compliance checking rule-based system which checked if the given gift to a client was well with the boundaries of country law where the event will be taking place.

Responsibilities:

- Rahul worked end-to-end on developing the REST services from scratch; right from requirement gathering to the final delivery. • Apart from daily coding, he was responsible for taking design decisions for the services he worked on.
- Choosing what tools to be used and doing initial feasibility checks with spikes. ˙Involved in high level discussions and decision making calls with client ˙Involved in hurdles to help team move forward in case of blockages in daily chores

Technologies & practices involved – JAVA 8, Spring boot, MVC, REST API, TDD, Functional Tests, CI/CD (Jenkins), AWS, Oracle DB, Clara rules for rules engine, Clojure for writing rules

ThoughtWorks

Client - Citi Bank

Fetching real time financial information for transactions, positions and account balances in minimum latency (within a second).

Responsibilities:
- Rahul worked end-to-end on developing the client library for writing Gemfire functions to operate on IMDG from scratch; right from requirement gathering to the final delivery.
- Apart from daily coding, he was responsible for taking key design decisions for the services he worked on.
- Choosing what tools to be used and doing initial feasibility checks with spikes. Involved in high level discussions and decision-making calls with client Involved in hurdles to help team move forward in case of blockages in daily chores
- Creating release pipelines

Technologies & practices involved – JAVA 8, TDD, Functional Tests, CI/CD (Team City), Gemfire (in memory data grid)

Equal Experts

Client - VTW-Elsevier

It's a virtual total warehouse platform that provides information solutions that enhance the performance of health professionals, science and technology researchers, empowering them to make better decisions, deliver better care, and sometimes make ground-breaking discoveries that advance the boundaries of knowledge and human progress.

Responsibilities:
- Rahul worked end-to-end on developing the micro-services from scratch; right from requirement gathering to the final delivery. • Apart from daily coding, he was responsible for taking key design decisions for the services he worked on.

Technologies & practices involved – JAVA 8, MVC, REST API, Aurelia, Elastic search, Terraforms, TDD, Functional Tests, CI/CD (Jenkins), AWS, Terraforms

Equal Experts

Client - Informa-Agri

It's a reporting & analytics platform that provides information to customer in different form as tables / charts / reports (combination of charts, tables & text content).

Responsibilities:
- Rahul worked end-to-end on developing the micro-services from scratch; right from requirement gathering to the final delivery. • Apart from daily coding, he was responsible for taking key design decisions for the app.

Technologies & practices involved – C#, .net, MVC, REST API, Aurelia, Elastic search, Terraforms, TDD, Functional Tests

Equal Experts

Client - EE UK (HMRC)

It's a billing platform for EE-HMRC consultants/contractors. This is related to the employees working on contracts for HMRC for submission of their monthly expenses on project and monthly billing with integration of timesheets.

Responsibilities:

- Rahul worked end-to-end on developing the application from scratch; right from requirement gathering to the final delivery. • Leading on the delivery of the app with infrastructure automation. • Grooming the new team members for agile, XP and other practices for daily work.
- Conducting Techie-Thursdays for giving talks and knowledge sharing within the team.
- Apart from daily coding, he was responsible for taking key design decisions for the product.

Technologies & practices involved –Scala, Play-Framework, MongoDb, REST, JavaScript, Micro-services Architecture, TDD, CI/CD (Jenkins), AWS, Terraforms.

Equal Experts

Client - HMRC UK Government
It's a taxing platform for UK citizens. This is one of the best projects with execution for UK government. It's being used by millions of citizens across UK.

Responsibilities:

- Rahul worked end-to-end on developing the micro-services from scratch; right from requirement gathering to the final delivery. • Apart from daily coding, he was responsible for taking key design decisions for the product.

Technologies & practices involved – Scala, Play-Framework, MongoDb, REST, JavaScript, Micro-services Architecture, TDD, CI (Jenkins)

IDeaS - A SAAS Co.

Client – Hilton Hotels

A revenue optimization product for hotel chains, G3 uses analytics to suggest appropriate (market competitive) tariffs to Hilton. It also provides forecasts which can help optimize business.

Responsibilities:

- Rahul worked end-to-end on developing this product from scratch;

right from requirement gathering to the final delivery.

- Apart from daily coding, he was responsible for taking key design decisions for the product.

Technologies & practices involved – Java 7, Vaadin, EJB 3.0, JPA / Hibernate, MSSQL, JUnit, Mockito, Power Mocks, Cucumber, ATDD, TDD, CI (Jenkins), JBoss

John Deere

JD Link Access

Client – 3rd party farm management systems

This project enabled integration of "JD Link" (John Deere's flagship product) with various 3rd party farm management systems.

Responsibilities:

· Rahul created various REST APIs for this project.

Technologies involved – Java, Spring, EJPM Framework (Deere specific), REST services, WebSphere Application Server (W.A.S), Maven, DB2.

John Deere

Enterprise Configuration Engine (ECE)

Client – John Deere

A rewrite of the "JD Link Configurator" product of John Deere (see project below).

Responsibilities:

- Rahul worked on this rewrite from scratch. Given his prior experience of "JD Link Configurator", he was crucial to the entire project.
- He introduced XP practices (TDD, CI, Pairing, Scrum) to this project.

Technologies & practices involved – J2EE, Spring 3, JPA, DSFJ (Deere specific framework), REST Web Services, TDD, ATDD, Cucumber, Mockito, Power Mocks, JUnit, Jenkins, Maven, W.A.S.

John Deere

JD Link Configurator and Config Utility

Client – John Deere

This tool builds reusable XML Configs, which in turn enable tractors' data (location, acre coverage etc.) to be visualized on a web application.

Responsibilities:

- Rahul was responsible for coding various functionalities of this product.

- He integrated this app with all the other apps from JD Link's suite.

Technologies involved – Java, JSP, Spring, EJPM Framework (Deere specific), SOAP services, ATMOS, W.A.S, Maven, DB2.

EDUCATION:

College	Vishwakarma Institute of Technology, Pune, India
Degree	B.E (Computer Science)
Grade	64.02%
Year of passing	2010