

# Rahimbayli Sattar

## Curriculum Vitae

### Personal Information

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### Education

2014–2018 **Master of Computer Science**, *University of Bonn*, Germany.

2010–2014 **Bachelor of Computer Science**, *Azerbaijan State Oil Academy*, Azerbaijan.

### Skills



Backend Java, Javascript / Typescript, PHP, Python  
Frameworks Quarkus, Spring Boot, Hibernate, React Native, Angular 6-8, Django, Play Framework, Angular JS, Express.js, GWT, CoffeeScript  
Frontend React, Ajax, JQuery, Bootstrap 3, Materialize, Kendo, Scss, Sass, Less  
Testing JUnit, Mockito, Jest  
Databases SQL, MySQL, PostgreSQL, Mongo, DB2, Firebase  
CI/CD Docker, CircleCI, Jenkins, Bitbucket pipelines, Gitlab pipelines, Bamboo  
Build tools Maven, Gradle, SBT, ANT


### Experience

- April 2022 - **Software Developer**, *Dedalus HealthCare GmbH*, Bonn, Germany.  
Currently
  - Development of an API based on Quarkus, and integration into the Camunda Engine using REST architecture, as part of a microservice architecture
  - Development of an online front desk and waiting room for a hospital, using Spring Boot and Angular technologies
  - Technologies: Java, Quarkus, Spring Boot, Angular, CoffeeScript, Docker*
- September 2020 - March 2022 **Software Developer**, *Universitätsklinikum*, Bonn, Germany.
  - Development of a visualization and search solution for FHIR bundles using Angular technology
  - Development of additional modules to transform medical data into FHIR entities
  - Development of a patient portal for a hospital, using Spring Boot and Angular
  - Technologies: Java, Spring Boot, Quarkus, Angular, Docker*

- April 2019 - **Software Developer**, *CodeFrog*, Braunschweig, Germany.
- August 2020
- Working on different projects for different clients
    - Creating financial mobile app for stock trading with the following tech stack: React Native with Spring Boot backend and Bitbucket Pipelines with Docker for CI/CD
    - Creating time management web app based on Angular with Spring Boot backend and Jenkins with Docker for CI/CD
    - Creating platform for management of vehicle delivery and sales based on Angular with Spring boot backend and Bamboo for CI/CD
  - *Technologies: Java, Typescript, Spring Boot, Angular, React Native, RxJS, Redux, Mongo DB, MySQL, Docker, Jenkins, Bamboo, Bitbucket Pipelines, Jest, Mockito, SonarQube*
- June 2017 - **Software Developer**, *Peter L. Reichertz Institut for Medical Informatics*, Braunschweig, Germany.
- March 2019
- Development of rule-based reward system with Play Framework
  - Extending an existing Java-based back-end service for clinical trial management system
  - Managing deployment server, together with database administration and ci/cd pipelines
  - *Technologies: Java, Javascript, Play Framework, Hibernate, GWT, MySQL, BitBucket pipelines, Docker*
- Aug 2016 - **Web-Developer**, *Advanced Dynamics*, Cologne, Germany.
- June 2017
- Working on different projects
    - Development of internal time management calendar based on Angular
    - Building several media apps on WordPress
    - Development of web scrapping tools
  - On-going maintenance of apps with constant user flow
  - *Technologies: PHP, Cake, Angular, MySQL, WordPress*
- May 2016–Oct
- Backend Developer (internship)**, *Brav Conflict Resolution*, Michigan City, Indiana.
- 2016
- Utilized WebRTC technology for real-time communication between users
  - Development of dynamic user interface
  - *Technologies: PHP, Javascript, JQuery, MySQL, WebRTC*
- Dec - March 2016
- Student Assistant**, *University of Bonn*, Bonn, Germany.
- Developed custom scripts to prevent spam on MediaWiki-based websites
  - Utilized a combination of PHP, Javascript, and JQuery for development
  - Integrated with MySQL database management system for data storage and retrieval
  - Enhanced security and functionality of the MediaWiki platform
  - *Technologies: PHP, Javascript, JQuery, MySQL, MediaWiki*

## Freelance Projects

- DiscoverDE 
- React Native based German language preparation app
    - Development of learning options - both listening and reading modes
    - Multilingual (Russian / English)
    - Development of interactive quizzes and tutorials
- Java-1Z0-808 
- React Native based Java 1z0-808 exam preparation app
    - Choice to select quizzes randomly or by chapter
    - Option to mark questions for further review
    - Statistics tracking for correct and wrong answers

- Bulls&Cows 
  - React Native based code-breaking game
  - 2 Game modes: Competing against AI & Number finding challenge
  - Game features statistics tracking for wins and losses
  - Added badges that can be earned by winning within a predefined number of steps
- ADHD
  - React Native and Java-based mobile app for ADHD sickness
  - Implemented the state management layer
  - Created several endpoints for CRUD operations
  - Utilized Docker to containerize the app
- Graiger
  - Django-based Telegram bot designed to scrape data from automotive websites
- Scraper
  - Developed the data scraping component
  - Utilized the long polling mechanism to ensure real-time communication
  - Integrated the bot with Django's ORM
- My Cashier
  - Development of a Java-based desktop middleware
  - Implemented the connection and data transfer mechanism using the Bluetooth protocol
- Medicolonia
  - Express.js based web app of the medical system
  - Developed an intuitive and user-friendly interface
  - Ensured that the user interface was compatible with a variety of devices
- Can Staging
  - Express.js based web-app for detection of various cancer stages

## Publications

Sep 2019 *Pay for Performance in Electronic Data Capture for Clinical Trials and Medical Registries*, ICT for Health Science Research, EFMI 2019, IOS Press Ebooks

## Certifications

July 2023 Java SE 8 Programmer, *Oracle Certified Associate*

## Languages

Azerbaijani **Mothertongue**  
 Russian **Mothertongue**  
 English **Advanced**  
 Deutch **Advanced**