



Zahid Rasheed

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SUMMARY

Software Engineer with 7 years of experience. Worked on all phases of project development, from requirements gathering to development, testing, publishing, and maintenance.

SKILLS

- JAVA (Android Development)
- Kotlin
- Strong Experience with Reactive programming (RxJava/RxAndroid), Dependency Injection (Dagger), Agile Development and Test Driven Development
- Web Development (PHP, Amazon Web Services)

EXPERIENCE

Android Developer, Unwire ApS

Copenhagen, Denmark. (January 2016 – Now)

As an Android developer, my roles include;

- Translating designs and wireframes into high-quality code.
- Design, build and maintain high performance, reusable, and reliable Java code.
- Ensure the best possible performance, quality, and responsiveness of the application.

I've been involved in following projects;

GoPass 2.0 (DART,USA): Mobile ticketing application to assist user purchase mobile tickets and passes. Added travel tools to assist user find a correct product to perform a journey.

DOT 2.0: Android application to purchase transport tickets for Copenhagen, Denmark region.

Swipp: A mobile payment application for transferring money between users. Developed the contactless payment feature (BLE pairing).

Software Developer, FlickerLab ApS

Copenhagen, Denmark. (October, 2013 – December, 2015)

FlickerLab has produced thousands of hours of animation for TV-stations like BBC, ZDF, Nickelodeon, and MTV. BaskeMus is also behind the world's first Animated Messenger "Animgram".

Accomplishments:

Worked on the android version of Animgram; A messenger to send/receive text and animated messages. Developed an animation player to play, preview and record lip synced animated messages.

Worked on web based CMS for Animgram to import assets, pre-process them by scaling content for various platforms (Image Processing) and uploading content to cloud storage (AWS). REST API to distribute content to client devices in various regions. Media Streaming server (FFmpeg) to convert client side generated frame stack & audio to a video for publishing on the Facebook timeline with a support of in-line playback.

Backend development of Chime for Change (Gucci) to handle hundreds of chimes per second and provide clustered chimes (Quad Tree Clustering) to the client apps through restful API.

Software Developer, iShack Technology Solutions

Johannesburg, South Africa. (August 2010 – February 2013)

iShack Digital is a leading Digital Agency in South Africa providing services to big customers like Walt Disney, Gareth Cliff, L'Oreal, Sprite, Marvel and much more.

Accomplishments:

Developed and maintained various web based applications for clients across South Africa.

EDUCATION

University of Leeds, United Kingdom

MSc in Artificial Intelligence (September 2010 – July 2012)

Courses completed include Computational Modeling, Bio Inspired Computing, Machine Learning, Vision, Language, Scheduling, Knowledge Representation and Reasoning.

COMSATS Islamabad, Pakistan

Bachelors of Computer Science (August 2006 – July 2010)

Courses completed include Object Oriented Programming, Web Engineering, Software Engineering, Computer Graphics and Database Systems.

Publications

Modeling of airway in 4D lung CT images

IEEE (Institute of Electrical and Electronics Engineers) October 22, 2012

Radiation therapy is a process in which high energy radiation is applied to kill cancer cells and shrink tumors. A treatment plan of the patient is developed before radiation therapy in which the clinician spent a lot of time on manually marking the airways, in Lungs, on the CT scan images so that airways can be protected while doing the radiotherapy. Work in this paper was a step towards automating the airway segmentation. (Article Number: 6413397)

REFERENCES

Available upon request.