

# GOCE ANASTASOVSKI

## To Refactor Or Not To Refactor! That Is The Question!

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## EXPERIENCE

### Engineering Manager

#### Alarm.com

📅 Apr. 2022 – Ongoing

📍 Tysons, VA

- Responsible for building team culture, grooming tech/team leads, hiring, delivery and prioritization.
- Transitioned iOS and Android subteams from Kanban to Agile.

### Mobile Video Team Lead and Android Developer

#### Alarm.com

📅 Mar. 2020 – Ongoing

📍 Tysons, VA

- Led a team of several iOS and Android Engineers. Responsibilities include mentorship, development, planning and overseeing all video related mobile work.
- Identified bottlenecks and refactored legacy code which reduced the time it takes to load a video stream by 70%
- Modernized a module by enforcing unit tests with each PR, increased test coverage from 0 to 30%, cut down build times from 15 to 3 minutes.

### Mobile Team Lead and Android Developer

#### Capital One

📅 Jul. 2019 – Mar. 2020

📍 McLean, VA

- Performed full audit of the team's existing features and set priorities.
- Automated 80% of the manual tests which reduced the teams testing time from 8 to 2 hours.
- First team to adopt the MVI pattern and deliver feature with over 85% test coverage.

### Senior Software Engineer

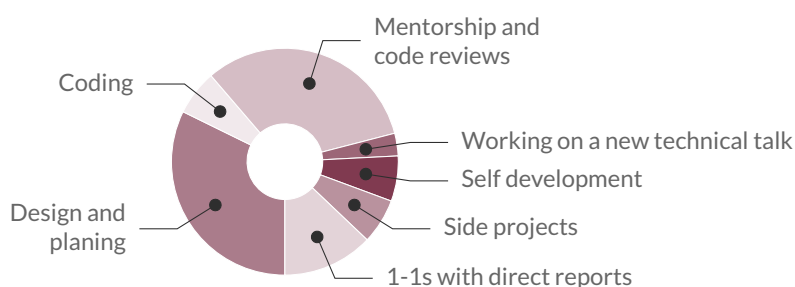
#### Alarm.com

📅 Mar. 2014 – Jul. 2019

📍 Tysons, VA

- First developer to adopt Kotlin and oversaw all work done in Kotlin.
- Directly involved in implementing the MVP pattern on the app, leading to more testable code.
- Worked on various features on the Android app.

## A DAY IN MY LIFE



## EDUCATION

### M.Sc. in Computer Science

#### West Virginia University

📅 Aug. 2011 – Dec. 2013

### B.Sc. in Computer Science and Electrical Engineering

#### Saints Cyril and Methodius University of Skopje

📅 Sept. 2006 – Jun. 2010

## SIDE PROJECTS

### Carpe Diem Android App

An app that lets you query, save, rate and receive motivational quotes periodically. The app is using the MVI architectural pattern, Retrofit, Room, Navigation Components, Firebase Cloud Messaging, LiveData, MotionLayout, auth0, and is written in 100% Kotlin.

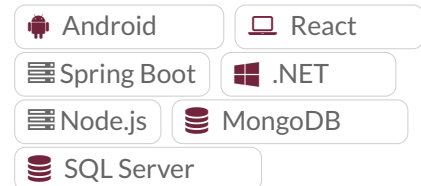
### Motivational Quotes RESTful API

A RESTful API written in Kotlin using Spring Boot and MongoDB atlas for storage that can CRUD motivational quotes. The app is currently hosted on Heroku.

### Radio station and podcast Alexa Skills

Built two Alexa skills that stream my favorite European radio station and podcast

## STRENGTHS



# TECHNICAL TALKS

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## A New Life For An Old Phone

Introduces the webRTC project and shows how to build an app that can stream real time video from one phone to another

- Droidcon Lisbon, April 2022

## Code Review, A Software Engineer's Best Friend

Talk is focused on the importance of code reviews and the impact they have on engineers at each stage of their career

- Droidcon London, November 2021
- Droidcon APAC, December 2020
- GDG DevFest Italia, November 2020
- Droidcon EMEA, October 2020
- DC Android Meetup, July 2020

# PUBLICATIONS

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## Journal Articles

- Goseva-Popstojanova, K. and G. Anastasovski et al. (2014). "Characterization and classification of malicious Web traffic". In: *Journal of Computer & Security*.

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## Conference Proceedings

- Anastasovski, G. and K. Goseva-Popstojanova (2014). "Classification of Partially Labeled Malicious Web Traffic in the Presence of Concept Drift". In: *The IEEE 8th International Conference on Software Security and Reliability-Companion (SRE-C)*, San Francisco, USA, June 30 - July 2, 2014. CA, USA: International Institute of Informatics and Systemics.
- Goseva-Popstojanova, K. and G. Anastasovski et al. (2012). "Using Multiclass Machine Learning Methods to Classify Malicious Behaviors Aimed at Web Systems". In: *23rd IEEE International Symposium on Software Reliability Engineering (ISSRE)*. TX, USA.
- Goseva-Popstojanova, K. and G. Anastasovski (2012). "Classification of Malicious Web Sessions". In: *21st International Conference on Computer Communications and Networks (ICCCN)*. Munich, Germany.