GOCE ANASTASOVSKI

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

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EXPERIENCE

Mobile Video Team Lead and Android Developer

Alarm.com

Mar. 2019 – Ongoing Tysons, VA

- Led a team of several iOS and Android Engineers. Responsibilities include mentorship, development, planing 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%
- Integrated Jacoco code coverage library and started tracking test coverage, contributing to the departments goal to increase test coverage.
- 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 manual tests.
- Automated 80% of the manual tests which reduced the teams testing time from 8 to 2 hours.
- First team to deliver a feature with over 85% test coverage using the Model View Intent (MVI) architectural pattern.

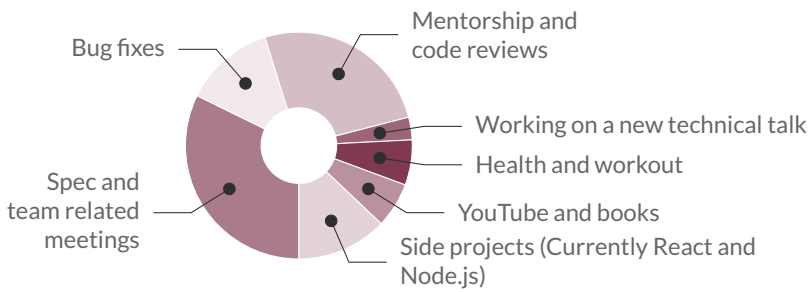
Senior Software Engineer

Alarm.com

Mar. 2014 – Jul. 2019 Tysons, VA

- Led the Android team to the world of Kotlin and oversaw all work done in Kotlin.
- Directly involved in implementing the MVP pattern on the app, leading to unit testable code.
- Addressed technical debt by facilitating a maintenance schedule where each team member spent a week refactoring legacy code.
- Built a settings menu like UI framework that generates UI components and their dependencies on the fly.
- Reduced code duplication by creating reusable views that improved the quality and maintainability of 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

Android | React | Spring Boot | .NET | Node.js | MongoDB | SQL Server

Kotlin | Java | C# | SQL

Multilingual | vim

TECHNICAL TALKS

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

- DroidconAPAC, December 2020
- GDG DevFest Italia, November 2020
- DroidconEMEA, October 2020
- DC Android Meetup, July 2020

PUBLICATIONS

Journal Articles

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

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 (SERE-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.