

GOCE ANASTASOVSKI

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

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EXPERIENCE

Engineering Manager

Alarm.com

Jan. 2022 – Ongoing

Tysons, VA

- Responsible for staffing 4 mobile teams, grooming tech/team leads, and overseeing the delivery and prioritization of multiple projects.
- Transitioned teams from Waterfall to Agile (Scrum), which led to improved delivery estimates and reduced developer burnout.
- Completely revamped the development and testing process, resulting in fewer bugs and a faster feedback loop between software engineers (SEs) and quality engineers (QEs) due to testing in isolation.

Mobile Video Team Lead and Android Developer

Alarm.com

Mar. 2020 – Dec. 2021

Tysons, VA

- Led a team of several iOS and Android engineers. Responsibilities included mentorship, design, planning, and overseeing all video-related work in the Android app.
- Identified bottlenecks and refactored legacy code to be asynchronous, resulting in a 70% reduction in the time it takes to load a video stream.
- Automated a manual, error-prone process of using and building native libraries by leveraging Docker and JFrog Artifactory.

Mobile Team Lead and Android Developer

Capital One

Jul. 2019 – Mar. 2020

McLean, VA

- Conducted a comprehensive audit of the team's existing features and set project priorities accordingly.
- Automated 80% of the manual tests, reducing the team's weekly testing time from 8 to 2 hours.

Senior Software Engineer

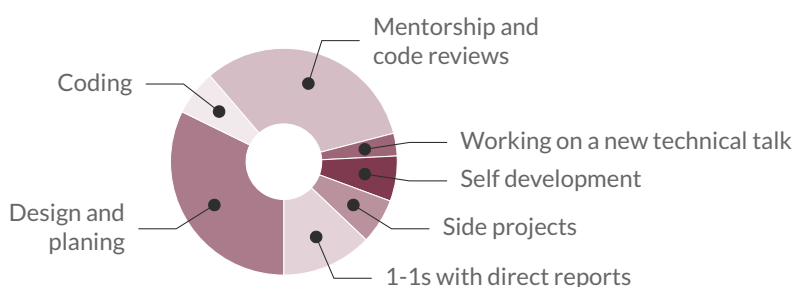
Alarm.com

Mar. 2014 – Jul. 2019

Tysons, VA

- Was the first developer to adopt Kotlin and oversaw all work done in Kotlin.
- Directly involved in implementing the MVP pattern in the app, leading to more testable code.

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

A simple List-Detail app with CRUD and search capabilities that I reimplement with the latest android guidelines.

Video Streaming App

Coauthored a video streaming using webRTC for video streaming. Implemented a NodeJS server for signaling and used app to present a tech talk at Droidcon Lisbon

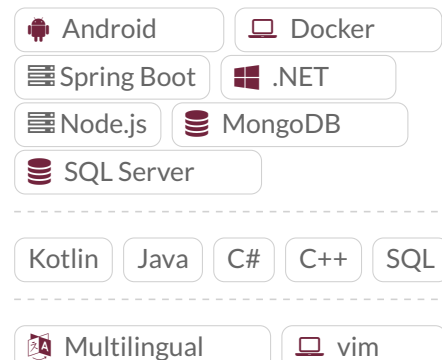
Motivational Quotes RESTful API

A RESTful API hosted on Heroku and written in Kotlin using Spring Boot and MongoDB atlas. APIs are used by the Carpe Diem app.

Radio station and podcast Alexa Skills

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

STRENGTHS



TECHNICAL TALKS

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

- Cognizant Softvision Programmers Week, September 2022
- 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

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.