Rafał Zieliński

Android Developer

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EDUCATION

1996-2002	**Nicolaus Copernicus University in Toruń** Faculty of Physics, Astronomy and Informatics.
1992-1996	**S. B. Linde High School in Toruń** Mathematics and computer science profile.

RELEVANT PROFESSIONAL CAREER

2018 - present	**Android Developer** *Allegro.pl* Developing Android application for the biggest online e-commerce platform in Poland Allegro.pl, used by hundreds of thousands of users a month. **Tech stack :** Kotlin, Java, Architecture Components, Rx, Retrofit, Glide, Koin, Redux, Mockito, Espresso, Groovy, Robolectric
2016 - 2018	**Android Developer (freelance, remote)** *Mobay Software* Development studio specializing in mobile applications, beacons and real time image processing. Main projects :

- Android application for Aaarhus University (Denmark). The app was created to help carry out science experiment, show progress, statistics and collect experiment data

  Tech stack :
  Java, Android Studio, Android SDK, Support Libraries, Realm, Retrofit, RxJava2, Firebase, JIRA, GIT

- Android application for bus company (Oxford, UK). Main functionalities included searching for bus route, bus live position on the map, finding and buying tickets, user account

  Tech stack:
  Java, Android Studio, Android SDK, Support Libraries, Google Maps, Realm, Retrofit, Espresso, Mockito, JIRA, GIT

- Android application for train company (London, UK). The app was designed to find and buy tickets between Gatwick airport and London

  Tech stack:
  Java, Kotlin, Android Studio, Android SDK, Support Libraries, Google Maps, Realm, Espresso, Mockito, GIT, JIRA

- Indoor navigation application using beacons for Wyższa Szkoła Bankowa (Bydgoszcz, Toruń). The app was designed to create indoor navigation for disabled, with voice commands, dynamic content management and PUSH notifications

  Tech stack:
  Java, Android Studio, Android SDK, Support Libraries, Google Maps, Bluetooth Beacons (kontakt.io SDK), Realm, Firebase, GIT, JIRA

2012-2016   **Android Developer (on site, remote)**
Mobica Limited Poland

Development, testing and writing documentation of Android applications for external customers, conducting lectures and workshops.

Main projects :

- Android application for VISA (US). Main functionalities included credit card management, money transfer, user account

  Tech stack:
  Java, Android Studio, Android SDK, Support Libraries, custom SDK provided by customer, GIT, Gerrit, Jenkins

- Android application for top telecommunication company (US)

  Tech stack:
  Java, Android Studio, Android SDK, Support Libraries, Espresso, Mockito

2011-2012	**Co-founder/owner of space technologies start-up** *ABM Space Sp. z o.o* Head of IT and software development team, responsible for constructing software for controlling motion of Mars analog rover.
2008-2011	**ABAP specialist and programmer** *SIDEn Sp. z o.o.* Development and testing applications for SAP customers.
2003-2008	**Software Engineer** *ATOS* Development, testing and writing documentation for external customers.

SCIENCE AND ACADEMIC CAREER

2014-2015	**Consultant and tutor** *Torun* Tutoring students on the subject of Team Programming, Nicolaus Copernicus University, Faculty of Mathematics and Computer Science.

2013	**Lecturer**
	Bydgoszcz

Lecturer of programming Android devices, conducting exercises with students, University of Economy.

2012	**The Mars analog field tests**
	Dachstein, Austria

Writing software for controlling motion of Mars analog rover, rover video processing, data streaming and remote sensor reading.

2010	**University Rover Challenge**
	USA

Writing software for controlling motion of Mars analog rover and for rover video processing.

RELEVANT SKILLS

Operating systems	MacOS, Windows
Programming languages	Kotlin, Java
Android Technologies	Android SDK, Architecture Components, Google Maps API, Realm, Retrofit, RxJava2, Koin, Glide
Other Technologies	JSON, REST, Firebase, Bluetooth beacons, OpenGL, OpenCV
Testing	Espresso, Mockito
Tools	Android Studio, Gradle, GIT, JIRA, Gerrit, Jenkins
Foreign languages	English (FCE), Polish (Native)
Personal interests	Electronic music, TV series, cycling