

# RUSU DINU-ȘTEFAN

## Software Developer

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## EDUCATION

Bachelor in Computer Engineering

University Politehnica of Bucharest

📅 Oct 2020 – Jun 2024

Bachelor degree

"Tudor Vianu" National College of Computer Science

📅 Sept 2016 – May 2020

## EXPERIENCE

Contracted Android and WEB Software Developer

Cosmin Savu

📅 Dec 2019 – Aug 2020    📍 Bucharest, Romania

- Developed Cosmin Savu's website using React and Firebase.
- Created the Android app that mimics the website using native code (Java).
- Optimized for high loads. Gained a 10% load-time performance increase after making use of React lazy-loading and caching techniques.

Android Software Developer

Rubrika

📅 Aug 2019 – Dec 2019    📍 Bucharest, Romania

- Developed the Rubrika Android app from scratch, using native code (Java) and Android Studio. The Android app is up to 30% faster than the website.

## ACHIEVEMENTS

- Placed 2nd place at "Infoeducatie Nationala" 2020
- Placed 3rd place at "Infoeducatie Online" 2020
- Placed in top 15% at "Infoeducatie Nationala" 2019
- Participated at "Performanțe Vianiste", XI th. Edition, 2019
- Participated at "DaVinci Contest, Reinvent the Future", IV th edition, 2018
- Participated at "Performanțe Vianiste", X th. Edition, 2018

## SKILLS

Java, C#, Javascript, Dart, Node.js, C++

React, Flutter

Kubernetes, Docker

Firebase, AWS

Android Development

Linux, Git, Microservices, AGILE, SCRUM

Illustrator, Lightroom, Premiere Pro

## HONORS & AWARDS

- Invited at PRO TV (ILikeIT, a show where innovative apps are showcased)

## PROJECTS

Divers Data and Drivers Data PRO

- Developed the first virtual logbook for drivers. Drivers Data is a serverless app that uses Firebase, Node.js, Java and was built for Android. The web version of the app is built with HTML, CSS and JS. The app can generate reports for up to 3 years, in just 15 seconds. Those reports are saved in an EXCEL table. More than 50 users daily, with a total of 1000 active users.

PBI

- Developed a web-app where students can find solutions to most of the problems shown by PbInfo. The website contains more than 1000 algorithms and solutions to the problems. For this web-app I used Firebase, C#, React and HTML + CSS for some pages. More than 100 users daily.

RIP.WTF

- Developed a website to quickly shorten urls. The front end was made in React and the back end was written in Node.js. As a database I used a NOSQL database.

Whist Score Table

- Developed an app for the players of Whist. The app is a score-keeper and was written in Java, for Android. I also used Firebase Functions and Firestore. More than 200 players have used this app for their score-keeping.

MyGoal: Expenses Assistant

- Built an app that motivates the user to save money.

Music.me

- Build a native Android app that displays real-time data for the songs that is currently playing on the device. Used Java, XML and the last.fm api.

Guess The Song

- Developed a native Android game that challenges the user to guess a song based on the translated version of its lyrics. The app also has variations for less-popular song genres.

## VOLUNTEERING

- Volunteered as Full Stack Software Developer at the VianuMUN website for the Vianu MUN conference in 2019.
- Volunteered as Assets Designer for "Concurs de Costume Traditionale Romanesti".