

# Njegos

## Architect/Team-lead Flutter Software Engineer

### SUMMARY

- Over 12 years in the tech industry, my mission is to innovate with cutting-edge technologies, fostering a team-driven environment where diverse perspectives thrive - 6 years of experience with Flutter; - Committed to developing robust products that seamlessly integrate mobile and cloud technologies, aligning with our organization's culture of continuous learning and improvement. - My expertise in mobile development and enterprise systems, underpinned by a solid understanding of business ownership, empowers us to create solutions that resonate with our users' needs. -Over the past 6 months, my role team-lead and Head of R&D has centered on assembling and leading a dynamic team adept in technologies such as Flutter, Golang, Java, Angular, and React. - Dedicated to leveraging cloud services like AWS and Google Cloud Platform, ensuring our products are scalable and reliable.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Android (12 yr.), Flutter (6 yr.), iOS
<b>Programming Languages</b>	C, C#, C++, Dart, Java (12 yr.), JavaScript, Kotlin (12 yr.), Swift (3 yr.)
<b>AI &amp; Machine Learning</b>	AI, AWS ML (Amazon Machine learning services), NLP
<b>Android Libraries and Tools</b>	Android APIs (5 yr.), Android Enterprise (5 yr.), AOSP, Kotlin (12 yr.)
<b>Mobile Frameworks and Libraries</b>	BLE, Crashlytics, Flutter (6 yr.)
<b>JavaScript Libraries and Tools</b>	Nightwatch.js
<b>Cloud Platforms, Services &amp; Computing</b>	GCP
<b>Amazon Web Services</b>	AWS ML (Amazon Machine learning services)
<b>Azure Cloud Services</b>	Azure Cloud Functions
<b>Platforms</b>	Android (12 yr.)
<b>SDK / API and Integrations</b>	Android APIs (5 yr.), API (5 yr.)
<b>Methodologies, Paradigms and Patterns</b>	Architecture and Design Patterns (5 yr.), MVVC, SDLC (5 yr.), SOLID, UML
<b>Operating Systems</b>	iOS, macOS
	Project Management (5 yr.)

<b>Project Management &amp; Administration</b>	
<b>Other Technical Skills</b>	Bloc, watchOS

## WORK EXPERIENCE

### Team-Lead, Senior Software Engineer, NDA

APR 2024 - present

- Entire management platform (dev.firmegenerale.cloud) /in progress
- Leading a web development team (Flutter, Golang and Angular/Typescript)
- Flutter development

### Digital Atrium Team

(MAR 2018 - JUL 2024)

#### Prod-Active Solutions Team

- Prototyping with mobile/Flutter
  - Machine learning, AI, NLP, cross-platform, BLE and native mobile development (Android, iOS)
  - Bluetooth peripherals integration on various platforms
  - Cloud solutions
- Flutter/Android development
  - Translation Wrapper project: wrapper for existing project that puts screens into outer frame, extracting existing labels and offering lector to translate labels and instantly see their fit on actual screen. Translation uploaded to a server seamlessly without interrupting the process. (under NDA)
  - Pharmasens: first phase development. Developed HCP unit (tablet for doctors) that use Bluetooth to connect to PWD (patient with diabetes). Designed entire bluetooth protocol stack, single fault data safety and created pump bluetooth emulator where learnings were later applied to an actual pump. <https://pharmasens.com/products/>
  - Re: BUG Desktop implementation for bug-catching app connected with Jira. To be used with macOS and Windows, developed in Flutter. (<https://rebug.app>)

#### Pillotto

- Flutter development
  - Roofter checker app for mobile. Helper checklist app integrated with Firebase, accompanied with CMS web app, also written in Flutter. (<https://the-roofer.web.app/#/>)

#### Bloxico

- Android development
  - Atala scan: blockchain based protection of luxury brands. <https://iohk.io/en/blog/posts/2022/05/04/atala-scan-blockchain-based-product-authentication/>
- Flutter development
  - FMS vehicle surveillance system. Flutter based app developed for Android/iOS <https://play.google.com/store/apps/details?id=com.bloxico.fms.mobile>
  - FMS Chat. Chat system developed for truck drivers and dispatchers. Android Enterprise utilized to ensure the full control of remote devices (tablets). Tablet/



dispatcher chat app written in Flutter. Main dispatcher/owner dashboard web-based app written in Flutter and connected to Firebase and Google Cloud Platform (Google Functions).

### **Codekrafters**

(NOV 2017 - MAY 2019)

- Android development, working with international team
  - Developing launcher for Simrad unit (NSX).
  - Detailed work on Android open-source code to allow multiple applications to interact at the same time, show instruments, enable peripherals (GPS, Sonar, Radar, and more)

### **EDUCATION**

- **Faculty of Technical Sciences**, Telecommunications and Signal Processing Department(OCT 2009 - MAY 2013)
- **Courses:**
  - Wireless Sensor-based networks,
  - Digital Signal Processing, Acoustic and audio technologies, Digital Image Processing,
  - Optical telecommunication, Television and radio systems,
  - Electronics
  - Object-oriented programming

