

Popikov Andrey

Software Engineer

Education

2012–2016 Computer Science Faculty, Voronezh State University, Voronezh, Bachelor.
Department of "Programming and information technologies"

Skills

- Good knowledge of basic algorithms & network fundamentals.
- Knowledge of Java (core, collections, concurrency) & Kotlin language.
- Experience in developing large projects with frameworks like Spring (Boot, Security, Web), Hibernate.
- Good knowledge of Angular web-framework & all modern web-apps ecosystem (NPM / Yarn, TypeScript, Sass).
- Experience in working with infrastructure tools: Gradle, Docker, TestContainers, Ansible, CI (TeamCity, GitLab CI), Nginx.
- Basic experience in applied cryptography (Java Cryptography Extension, smartcards apps, digital signatures).

Experience

- 2015–2019 Lead Software Engineer, Inleksys, Voronezh.
- Development team management (about 10 developers in team).
 - Developing web-applications using technologies like Java, Kotlin, Spring, PostgreSQL, Redis, Kafka, TypeScript, Angular.
 - Participating in optimizing CI processes & new technologies adoption in this area.
 - Organizing internal lectures about Kotlin, PostgreSQL, modern CI practices.
 - Developing different proof-of-concepts as a part of presale activities (including IoT projects & mobile apps on Flutter platform).
 - Active participation in company HR-processes:
 - Technical interviewing, working on materials and methodology improvement.
 - Organizing Java & Web development courses for students of our local schools.
- 2014–2015 Java Developer, Vistar, Voronezh.
- Developing web-services with Java, Spring, MyBatis.
 - Developing prototypes of mobile applications on Apache Cordova platform.
- 2014–2015 Intern, Likeonyx, Voronezh.
- Participating in development projects on .Net (C#, WPF) & Ruby.

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☎ +7 (960) 103 20 74 • ✉ agpopikov@gmail.com
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Additional projects

- <http://madtest.ru/> - modern quiz SaaS for news & media services (now in final stage of development, preparing for launch).
- <https://github.com/agpopikov/hob> - Implementation of new version of Apple HomeKit Accessory Protocol over Bluetooth LE for embedded devices (work in progress).

Languages

Russian	Native
English	Intermediate
German	Beginner

Interests

- IoT devices engineering based on STM32 & ESP32 chips, making first steps in FPGA programming (Xilinx Zynq family).
- Learning computational mathematics (especially computational fluid dynamics, FEM application, etc).

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