

## EMPLOYMENT

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<b>Senior Software Engineer</b>	<b>Itekako</b>	<b>Oct. 2019 – now</b>
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Online focus group platform ([Project demo](#))

- Piloted web services for controlling long-running worker jobs in the K8s cluster.
- Migrated perseverance of static data to Amazon S3 Cloud Storage with CloudFront as CDN.
- Integrated Mailjet API to the system to be used as a default email client instead of JavaMailSender.
- Improved sign-in functionality by integrating Google accounts to OAuth 2.0 authentication flow.
- Implemented service for video transcoding using the FFmpeg tool.
- Tech stack: Java, Spring Boot, JUnit 5, RabbitMQ, Docker, K8s, Redis, AWS SDK, PostgreSQL...

Vacuum pump telemetry hub

- Established state machine based software to exchange telemetry data with other system components using MQTT protocol.
- Tech stack: C++, MQTT, Azure IoT Hub, SQLite...

<b>Software Engineer/IT Consultant</b>	<b>PRODYNA SE</b>	<b>Nov. 2018 – Sept. 2019</b>
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Online marketplace for employees

- Enhanced API for searching and filtering offered products with new widgets and filtering parameters.
- Reduced searching service response time by 80% via caching.
- Tech stack: Java, Liferay CMS, JavaScript, HTML, CSS, MySQL...

<b>C# Developer</b>	<b>Itekako</b>	<b>May 2018 – Nov. 2018</b>
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System for automatic recording and streaming of online and office meetings

- Designed and developed software for desktop devices responsible for scheduling recording and streaming office meetings.
- Built web services for managing, monitoring and deploying remote desktop devices.
- Tech stack: C#, ASP.NET Core, RabbitMQ, PostgreSQL, SQLite...

<b>Java Developer</b>	<b>Itekako</b>	<b>Apr. 2017 – May 2018</b>
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Cellular-based system for public safety

- Created a service for redirecting cell phone requests to a specified base station.
- Implemented a feature to block all communications by constantly switching the connected device from one base station to another.
- Designed and developed API for base station system control and monitoring of connected devices.
- Tech stack: Java, Spring Boot, Elasticsearch, PostgreSQL, REST...

<b>C++/C# Developer</b>	<b>Itekako</b>	<b>Oct. 2016 – Apr. 2017</b>
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Sports analytics software

- Decreased time for exporting player trajectories reports from ~5s to ~200ms by creating reports during manual player tracking instead of retroactively creating reports after tracking.
- Developed service for forwarding reports on dedicated servers through the SOAP protocol.
- Tech stack: C++, MFC, C#, SOAP...

## EDUCATION

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<b>Belgrade, Serbia</b>	<b>Faculty of Electrical Engineering</b>	<b>Sept. 2012 – Sept. 2017</b>
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- B.S.E. in Computer Engineering and Information Technology, GPA: 3.2
- Undergraduate Coursework: Programming, OOP, Operating Systems, Databases, Algorithms, Computer Architecture, Computer Networks, System Programming, Software Design, Linear algebra, Discrete Math...

## OTHER

- Tech skills: Proficient - Java, Spring Boot, Maven, Docker; Familiar - CPP, C, C#, MATLAB, JavaScript, HTML, CSS
- Languages: English - professional working proficiency; Serbian - native
- Links: [Personal website](#), [LinkedIn page](#)