

## SOFTWARE DEVELOPMENT ENGINEER

### WORK EXPERIENCE

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FEB 2016-NOV 2017	<b>Software Engineering Intern at CROZ, Zagreb</b>
6 months	Project management application (Java, React) <ul style="list-style-type: none"><li>• Improved responsiveness by optimizing DB queries and implementing pagination</li><li>• Improved front-end code architecture by enforcing unidirectional data flow</li></ul>
2 months	Salon appointment reservation (Java, Angular 2) <ul style="list-style-type: none"><li>• Implemented reservation management in the back-office</li><li>• Created a notification system for freed appointment slots at a more favorable time</li></ul>
9 months	Order Execution for T-Mobile Croatia (Java, Angular 2) <ul style="list-style-type: none"><li>• Worked on specifying business processes with BPMN</li><li>• Built docker images and set up Gradle build scripts for mock server and Redis DB</li><li>• Created a dashboard for data overview in form of graphs (with D3.js)</li></ul>
2 months	Blockchain on IBM Hyperledger Fabric (GoLang, JavaScript) <ul style="list-style-type: none"><li>• Team leader for students at a summer internship</li><li>• Created a business network for real estate transactions</li></ul>
NOV 2017-AUG 2019 (present)	<b>Software Engineering Intern at Axilis, Zagreb</b>
10 months	Contact matching application (JS, Node, React-Native) <ul style="list-style-type: none"><li>• Full-stack : deployment, DB migrations, SendGrid integration, UI implementation</li><li>• Reimplemented sign-in flow so that it doesn't require storing unconfirmed tokens</li><li>• Designed and created context-aware, asynchronous tutorial layer for the iOS</li></ul>
2 months	Betting platform (GoLang) <ul style="list-style-type: none"><li>• Added lotto support to ticket settlement engine</li></ul>
9 months	Betting platform UI for internal use (TS, React, GoLang) <ul style="list-style-type: none"><li>• Developed interface for traders for mapping betting sources and events</li><li>• Created an audit system for aggregating logs on backend and monitoring anomalies</li></ul>

### EDUCATION

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JULY 2017-JULY 2019	<b>Master's in Computer Science (MSc)</b> Faculty of Electrical Engineering and Computing, University of Zagreb MSC THESIS - Adversarial attacks for image classification models
FALL 2014-JULY 2017	<b>Bachelor of Computer Science (BSc)</b> Faculty of Electrical Engineering and Computing, University of Zagreb BSC THESIS - Deep neural networks for emotion recognition

### TECHNICAL SKILLS

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Proficient in:	Java, JavaScript
Familiar with:	C, C++, Python, GoLang, Haskell
Experience with:	GIT, Linux, SQL, NoSQL, Docker, AWS

### LANGUAGES

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CROATIAN:	Native
ENGLISH:	Fluent
GERMAN:	Basic Knowledge

### LINKS

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GITHUB: [github/v-silverfin](https://github.com/v-silverfin) LINKEDIN: [linkedin.com/in/krešimir-vukić-b6956040](https://www.linkedin.com/in/krešimir-vukić-b6956040)