

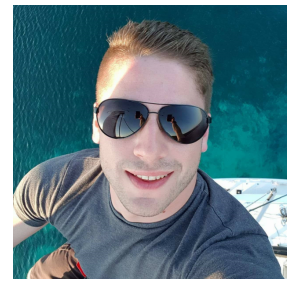
# Denis Ekart

SOFTWARE ENGINEER · DEVOPS ENGINEER

Ptujska gora 49, 2323 Ptujska Gora, Slovenia

☎ (+386) 31-275-479 | ✉ denis.ekart@gmail.com | 🏠 denisekart.github.io | 📷 denisekart | 📞 +38631275479

*"The function of good software is to make the complex appear to be simple."*



## Summary

An innovative programmer with more than 5 years of professional experience in software design and development. Thrive in a team environment with the ability to lead and follow leadership directives. Understanding intricate systems and solving complex problems in a dynamic and result-oriented way is one of my strong suits (writing short sentences is not). Able to coordinate several projects simultaneously while prioritizing tasks and operating proactively. I aspire to be language-agnostic and like learning new programming languages and exploring new frameworks.

## Work Experience

### Pinna d.o.o.

Maribor, Slovenia

#### FULL STACK SOFTWARE ENGINEER

Okt. 2016 - ongoing

- Collaborated with remote teams implementing products that target the healthcare system and are being used in healthcare provider systems and clinical centers in the country.
- Helped designing an overall service architecture and coding guidelines for designing micro-services in the company.
- Designed communication strategies between micro-services using event sourcing and CQRS using the domain driven design principles.
- Implemented several API microservices in .NET Framework and Core.
- Deployed a centralized code quality metrics environment (Sonarqube) that analyzes code and provides information and warnings about code smells and bad coding practices.
- Designed and implemented a system that records audio dictations on mobile devices and communicates with a web service which in turn communicates with desktop applications, bridging the central systems and the mobile devices in a secure manner.

#### DEVOPS ENGINEER

- Built fully automated CI/CD pipelines on Azure DevOps for containerized applications using Docker with local and Azure cloud deployments.
- Utilized scripting tools such (Cake Build, DevOps yaml) ensuring CI pipelines use code from source control for running builds.

#### SYSTEMS ENGINEER

- Configured the infrastructure needed to deploy, and run services in multiple parallel sandboxed environments and in production.
- Leveraged the services and infrastructure provided as a part of the Azure stack including (but not limited to) docker containers, VM's, Azure Service Bus, Web Apps and Azure AD.

### Trivia, programske rešitve s.p.

Maribor, Slovenia

#### FOUNDER & SOFTWARE ENGINEER

Aug. 2014 - Okt. 2016

- Developed micro-services that communicated with the government's web services (davčne blagajne) REST API.
- Developed software from design to production phase for mobile cash registers used in coffee shops in the country.
- Developed a web based resource management system used for automating ordering goods on a massive scale from multiple suppliers while calculating ensuring optimal price ratios.

## Skills

### PROGRAMMING LANGUAGES AND FRAMEWORKS

<b>C#</b>	Asp.NET, ASP.NET Core, DevExpress, WPF, Windows Forms, Xamarin, Mono(Android), Windows IOT, Windows SDK (8.x, 10.x), COM+
<b>C/C++</b>	C++11, Embedded ARM Cortex
<b>Java</b>	Spring, Hadoop(mapreduce), Android
<b>Kotlin</b>	Android
<b>Python</b>	2.7.x, 3.x, sklearn, tensorflow, matplotlib, numpy, NLTK
<b>R</b>	CARET, rpart, ROCR, nnet, CORElearn, mboost, party
<b>SQL</b>	MSSQL, MySQL
<b>TypeScript</b>	Angular 7.x, rx/js, jQuery, Razor
<b>SASS</b>	Sassy CSS(scss)
<b>LUA</b>	Redis
<b>(X)HTML</b>	HTML5, XPath, XSD, XSLT

## LANGUAGES

<b>Slovenian</b>	First language.
<b>English</b>	Excellent speaker. Excellent writer.
<b>Croatian</b>	Excellent speaker. Average writer.
<b>German</b>	Basic understanding.

## OTHER SKILLS

<b>Source control</b>	GIT (lfs), SVN, TFVC
<b>Microsoft Azure</b>	Azure AD, WebApps, Container instances, VM's, resource management.
<b>Azure DevOps</b>	Azure artifacts(nuget), build agent administration, continuous integration, continuous deployment, SCRUM administration, test planning.
<b>Build automation</b>	Cake build (C# scripting), DevOps yaml build.
<b>Docker</b>	Compose, Kubernetes, Helm.
<b>HL7</b>	Basic understanding, using, parsing.

## Honors

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### INTERNATIONAL

9 October, **Published article**, StuCoSReC Proceedings of the 2018 5th Student Computer Science Research Conference *Ljubljana, Slovenia*  
2018 DOI: <https://doi.org/10.26493/978-961-7055-26-9.21-25>

## Education

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### FERI(Faculty of Electrical Engineering and Computer Science)

*University of Maribor, Slovenia*

MASTER OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGIES

*Okt. 2017 - ongoing*

- mag. inž. rač. in inf. tehnol.

### FERI(Faculty of Electrical Engineering and Computer Science)

*University of Maribor, Slovenia*

BACHELOR OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGIES

*Okt. 2010 - Jul. 2014*

- dipl. inž. rač. in inf. tehnol. (UN)