Duarte Mateus
Tech Lead

Contact

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Social/Git

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Education

Bachelor's Degree in computer science
Polytechnic Institute of Leiria,
Portugal
2012-2016

Bachelor's Degree in computer science - Erasmus + Program
Tehničko veleučilište u Zagrebu,
Croatia
2015-2016

Professional Course in Management, Technician and Programmer of Informatic Systems
Secondary School Dr. Ginestal Machado,
Portugal
2006-2009

Professional Experience

Tech Lead
Tax Systems Ltd. | Oct. 2020

Scope: Full stack development, Azure, .NET.
Contribution: Helped introduce and maintain better practices. Architect and guide new development and the refactoring of legacy code to allow scalability.
Responsibilities:
- Participate in the planning process with the Product Management Team to provide estimates, highlight concerns, technological risks and suggest contingency plans.
- Bridge the gap between Product Management Team and Development Team.
- Reduce code churn.
- Architect maintainable and scalable solutions.
- Liaise with the Architects on overall solution design.
- Introduce design patterns and provide design directions to the Software Engineers.
- Create a space where the Engineers feel comfortable with voicing their concerns/ask questions.
- Liaise with Scrum master on priorities and allocations for upcoming work to balance engineers experience against their personal development and needs.
- Maintain a good overview of development, possible risks and blockers and be hands-on when required.

Software Engineer
Tax Systems Ltd. | May. 2019

Scope: Web development, microservices, multi tenancy.
Technologies: Full stack development .Net core, .Net standard, Javascript, IOC, TDD, Entity framework.
Contribution: Helped delivering the first iteration of a new product. Worked on introducing microservices and multi tenancy to replace an older system.

Professional Skills

- Problem Solving
- Motivation
- Teamwork
- Communication
- Adaptability
- Tenacity

Technical Skills

- C#
- .NET Core
- .NET Framework
- CSS
- HTML
- Bootstrap
- JavaScript (ES5, ES6+)
- JQuery
- Typescript
- Vue.js
- Node.js
- SQL
- MongoDB

Miscellaneous Skills

- Git
- Angular.js
- Angular 2.0
- Git Flow
- SVN
- Inversion of Control (IoC)
- Python
- Perl
- Java
- Ruby
- Android Development
- PhoneGap
- Test-Driven-Development
- Unit Testing
- Agile Development

Software Developer – Web Application
OSMO Data Technology Ltd. | Aug. 2018

Scope: Data Mining, Machine Learning, Full Stack Development.
Technologies: .NET Core, IoC, TDD using Moq, Vue JS and a few other Web-oriented technologies to develop a web interface for machine learning as well as the backend.
Contribution: Helped design and implement the Web Application and respective APIs (which the Connectors rely on for various functions including updating) using .NET Core to replace the previous aging system.

Software Developer - Connectors
OSMO Data Technology Ltd. | May. 2017

Scope: Financial Data extraction and Account Package Connection, Data Mining, Machine Learning, Full Stack Development.
Technologies: C#, .NET Core, Vue JS and a few other Web-oriented technologies.
Contribution: Creation and maintenance of connectors.
Creation from the ground up of a web interface and backend of a semi assisted learning categorization system using a drag and drop implementation.

Open-source contributions

Intrigue.io - Intrigue.io · GitHub
Scope: Security, vulnerability discovery.
Technologies: Ruby, Python, GO
Contribution: Bugfixes, Architecture, Protocol Support