

# Oleksii Rudenko

Software Engineer

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## Summary

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I am programming since 2006 with the recent professional experience using the following languages:

- JavaScript/TypeScript/Node.js (more than 5 years)
- Java (more than 5 years)
- Go (more than 1 year)
- Python (more than 2 years)

Other technologies:

- AWS cloud/Docker (more than 4 years)
- Frontend Javascript/Ember/React (more than 5 years)

## Work experience

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### Freelance Software Engineer

August 2019 - current

NodeJS/Go/React/AWS projects for clients

### Senior Software Engineer

January 2016 - July 2019

[moovel Group GmbH](#)

Designed, implemented and operated backend services with NodeJS/TypeScript/AWS:

- developed the backend for [moovel On Demand](#), a demand-responsive ride-hailing system (from scratch to production in multiple cities)
- booking backend for the moovel app

### Software Engineer

August 2014 - December 2015

[n-fuse GmbH](#)

Developed web apps for clients using EmberJS (frontend) and NodeJS (backend). Development of UI components library for EmberJS.

### Master Thesis Intern

January 2014 - July 2014

[IBM](#)

Explored the topic of Business Intelligence in the Cloud and built a tool (Java) to automatically generate OLAP cubes and analysis queries from source data.

### Software Developer

May 2010 - July 2012

[IQRIA](#)

Developed enterprise applications for clients using JQuery UI and PHP (Yii framework)

### QA Specialist

Aug 2009 - Sep 2010

[GlobalLogic](#)

Requirements analysis and clarification, testing and bug fix verification

## Education

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### Master in Service Engineering (with distinction)

2012 - 2014

[University of Stuttgart](#)

I was awarded an EU scholarship to join the master program. The program included 2 international semesters (University of Crete, Greece and Tilburg University, Netherlands) and combined of technical (SOA, Distributed Systems etc.) and business-oriented (Enterprise Architecture, BPM etc.) courses. Graduated with distinction (cum laude).

## Bachelor in Computer Science (with distinction)

2008 - 2012

Petro Mohyla Black Sea State University

## Projects

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- JustComments, a comment system for websites <https://just-comments.com>. I implemented the backend in NodeJS which runs on AWS Lambda and uses DynamoDB as the database. I developed the frontend in Preact and the frontend is open-source <https://github.com/justcomments/widget>.
- newsletter-cli, an open source project which allows sending newsletters easily using AWS Simple Email Service <https://github.com/JustComments/newsletter-cli>.
- node-yolo, a project done for the moovel Lab. It's a NodeJS wrapper around a neural network framework called darknet which combined with YOLO allows recognizing objects in real-time. The project is a prototype which allows you to build NodeJS services which would capture a video stream and produce the stream of recognized objects. I implemented it using C++ and NodeJS <https://github.com/moovel/node-yolo>
- teamchatviz, a project done for the moovel Lab which allows analysis of the team communications on Slack. I built it using NodeJS on the backend and React/D3 on the frontend. <https://github.com/moovel/teamchatviz>
- wrote or translated more than 60 post for my blog <https://60devs.com> and once I wrote an article for Smashing Magazine <https://www.smashingmagazine.com/2016/08/getting-started-koa-2-async-functions/>
- routine, a prototype of a routing engine created from scratch using NodeJS <https://github.com/OrKoN/routine>
- open-polyline-decoder, a tool to visualize polylines on OSM <https://open-polyline-decoder.60devs.com>