

# Andrei Visan

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## SUMMARY

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I am an experienced software engineer with 18 years in the industry, specializing in full-stack development and enterprise solutions. Passionate about programming and education, I create YouTube tutorials to teach software engineering concepts. I am deeply interested in learning methodologies and performance, continuously seeking to improve myself and help others learn more effectively.

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## EXPERIENCE

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### Senior Software Engineer

Swisscom

November 2022 – Present, Bern, CH

- Spearheaded system enhancements as Back-end Lead, significantly reducing bugs by 90% and slashing development time by 50% through effective implementation of design patterns.
- Elevated code quality to enterprise standards and ensured robustness by integrating appropriate data structures, algorithms, and comprehensive tests, surpassing previous benchmarks.
- Fostered team development and continuous improvement by conducting educational sessions on implemented changes, thereby ensuring the team's proficiency with the new, more efficient methodologies.

### Senior Software Engineer

KPN B.V.

May 2017 – November 2022, Amsterdam, NL

- Leading the build of a new KPN.com platform using Python 3, FastAPI, Typescript and VueJS which started as a greenfield project.
- Overseeing a team of 8 Software Engineers
- Worked in moving KPN.com from on-premise servers to AWS cloud.
- Maintained and Improved current KPN.com platform using Java 11, Oracle DB by applying TDD and SOLID design principles.

### Android Expert Engineer

ADYEN

June 2014 – May 2017, Amsterdam, NL

- Design and develop the Adyen POS cash register application and reliable SDK libraries for integrating merchants using Android SDK, Android Async and NodeJS.
- Led the building of the mobile development team.

### Lead Software Engineer

ING BANK

December 2011 – June 2014, Amsterdam, NL

- Led a team of 6 Software Engineers as well as having constant contact with our business partners.
- Develop Full Stack internal ING Web Applications as well as internal Android Applications using Java, Spring Boot and Oracle DB.

### Senior Software Engineer

OMNISOURCE TECHNOLOGIES

May 2010 – December 2011, Bucharest, RO

- Designed and developed complex web applications for multiple clients using Java, PHP and Javascript.
- Led and conducted all communications between business clients and the development team.

### Senior Software Engineer

ALTEN GROUP

May 2008 – May 2010, Bucharest, RO

- Designed and developed complex web applications for multiple clients using Java, Spring and MySQL.
  - Participated in direct communication with our French partners.
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## PROJECTS

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### YouTube channel

YouTube · <https://www.youtube.com/c/programminglifeio>

- Technical channel where I post weekly free Software Development courses and tutorials.

### Published online course Creating a Spring Boot REST API with iPad Pro and Raspberry Pi 4

Apress and Springer Link · <https://link.springer.com/video/10.1007/978-1-4842-8060-7> · May 2021 – September 2021

- An Apress and Springer Link course that will help you build a complex web application using only your iPad and Raspberry Pi.

### Published online course Securing a Spring Boot REST API Using Spring Security with iPad Pro and Raspberry Pi 4

Apress and Springer Link · <https://link.springer.com/video/10.1007/978-1-4842-8059-1> · May 2021 – September 2021

- An Apress and Springer Link course which is the part 2 of the REST API, which handles security using only your iPad and Raspberry Pi.

## **Published online course Front-End Development with iPad Pro and Raspberry Pi 4**

Apress and Springer Link · <https://link.springer.com/video/10.1007/978-1-4842-8061-4> · May 2021 - September 2021

· An Apress and Springer Link course which is the part 3 of the REST API, which handles the front-end of the REST API using only your iPad and Raspberry Pi. Built with ReactJS and TailwindCSS.

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## **EDUCATION**

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### **B.A in Computer science**

Faculty of Cybernetics, Statistics and Economic Informatics · Bucharest, Romania · 2007

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## **SKILLS**

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**Programming Languages & Frameworks:** Java 17, Python 3, JavaScript, HTML5/CSS3

**Technologies:** Spring Boot, FastAPI, NextJS, NodeJS, ExpressJS, VueJS, ReactJS, TailwindCSS, Android SDK, MySQL, PostgreSQL, Oracle DB, AWS, Bash, Git, Docker

**Tools:** VS Code, IntelliJ Idea, IntelliJ PyCharm, Figma, FigJam, Jira & Agile

**Languages:** English (Full Professional Proficiency), French (Intermediate), Italian (Intermediate), Romanian (Native)