



# Aleks Bosnjak

Sr. Software Engineer

1-min video introduction

<https://youtu.be/u4P22kFsOw4>

## CONTACT ME

+381 6120 31124

[aleksandarbos.ns@gmail.com](mailto:aleksandarbos.ns@gmail.com)

[aleksbuilds.com](http://aleksbuilds.com)

T. Pavlovica 3, Novi Sad, Serbia

[github.com/aleksandarbos](https://github.com/aleksandarbos)

[stackoverflow.com/users/5736491/aleksandarbos](https://stackoverflow.com/users/5736491/aleksandarbos)

## EDUCATION

### Master studies

Faculty of Technical Sciences,  
University of Novi Sad  
2016 - 2017

### Undergraduate studies

Faculty of Technical Sciences,  
University of Novi Sad  
2012 - 2016

## SKILLS

- Programming languages
  - Python
  - C#
  - Java
  - JavaScript
  - TypeScript
  - HTML/XML
  - CSS

## WORK EXPERIENCE

CoFounder & Lead Developer

2022 - present

### Linkter AI

As a co-founder and lead developer of Linkter AI, I spearheaded the creation of an innovative startup from concept to a fully functional product. My comprehensive role encompassed:

- Architecting and implementing the entire AWS DevOps infrastructure
- Designing and developing the complete UI/UX for a seamless user experience - Figma
- Building robust backend services using Python microservices
- Implementing server-side logic with Flask and Django frameworks
- Managing PostgreSQL databases for efficient data storage and retrieval
- Crafting responsive front-end applications using React
- Overseeing the full project lifecycle, from initial concept to deployment and maintenance

Backend Developer & Lead Developer

2018 - 2022

### Open Law Library | Washington DC

At OpenLawLibrary, a Washington, D.C.-based startup, I contributed to a wide range of backend development tasks over four years. My responsibilities included:

- Developing and maintaining open source projects, such as python-docx
- Handling backend development with a focus on Python and lxml for tree transformations and optimizations
- Creating and maintaining generators and parsers for DOCX and other document structures
- Ensuring robust and efficient backend infrastructure to support the company's legal information systems

With a long commitment, counting over 4+ years, I've significantly contributed to building a scalable robust infrastructure. I've also taken part in building and assessing features, taking project ownership, and leading a small team.

Full Stack Engineer

2016 - 2018

### Schneider Electric Hub | Serbia

At Schneider Electric Hub, I contributed to the development of a Microsoft WPF Application generator as part of a team of PhD students from the University of Novi Sad. This generator streamlined code production and fully integrated generated code into the existing platform, saving hundreds of engineering hours. My key responsibilities included:

- XML generation and manipulation
- Dynamic project adjustment to ensure seamless integration
- Maintaining and enhancing the WebDMD software

## SKILLS

- Tooling
  - VSCode
  - Visual Studio
  - Slack / Teams
  - Git/GitHub/GitLab
  - Linux / Windows
- Databases
  - MySQL
  - Amazon DynamoDB
  - PostgreSQL
  - SQLite
  - Microsoft SQL server
  - T-SQL
- DevOps
  - AWS
    - Lambda
    - Route53
    - EC2
    - CloudFront
    - S3
    - RDS
    - Cognito
    - SES
    - Step Functions
  - Vagrant
  - Linux bash
  - Terraform

## LANGUAGES

- 🌐 English
- 🌐 Spanish
- 🌐 Serbian

## WORK EXPERIENCE

Teaching Assistant 2016 - 2018

### Faculty of Technical Sciences / University of Novi Sad | Serbia

For three years, I served as a Teaching Assistant at the Faculty of Technical Sciences, University of Novi Sad. My responsibilities included:

- Teaching advanced web technologies, focusing on the .NET Framework and single-page application frameworks such as Angular
- Grading student projects and assignments
- Creating and administering tests
- Delivering lectures and providing support to students

Information Technology Tutor 2017 - 2018

### FTN Informatika | Serbia

During my tenure as an Information Technology Tutor, I provided valuable instruction on web technologies, including HTML, CSS, ASP.net MVC 5, and ADO.net framework, enabling students to transition to the latest libraries and technologies.

.NET Junior Software Engineer 2016 - 2017

### Levi 9 | Serbia

At Levi9 IT Services in Novi Sad, Serbia, I worked as a Junior Developer, where my responsibilities included:

- Developing automated processes using Business Process Modeling Language (BPML)
- Contributing to the development of a banking system project
- Collaborating with the team to ensure efficient and effective project delivery

## REFERENCES

### David Greisen

Open Law Library / CEO

Email: [dgreisen@openlawlib.org](mailto:dgreisen@openlawlib.org)

### Branko Milosavljevic

FTNInformatika / CEO

Email: [branko.milosavljevic@gmail.com](mailto:branko.milosavljevic@gmail.com)