

# FILIP BOŠNJAK

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## LINKS

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- **GitHub:** <https://github.com/filipbosnjak>
- **Projects & Website:** <https://www.filipbosnjak.dev>
- **LinkedIn:** <https://www.linkedin.com/in/filipobosnjak>

## WORK EXPERIENCE

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**Java/Kotlin Developer** 2022 - Present  
*MobiusCode GmbH*

- Developed and optimized Kotlin Backend API with GraphQL using Netflix GraphQL framework DGS for Hilti ON!Work.
- Developed and designed a full-stack Spring/Vaadin application, leveraging Postgres database and Docker; optimized database queries resulting in over 30% improvement in application response time and enhanced overall user experience.
- Lead mentorship and tutoring for less experienced colleagues (Java).

**Java/Spring Developer** 2020 - 2022  
*Amplexor Adriatic LLC*

- Developed & maintained enterprise application using Java, Spring Framework, and EE stack with Typescript.
- Developed & maintained RESTful services for backend part of the Java application.

**University** 2015 - 2022  
*Non-Professional Experience*

- Created and developed various university computer science projects (C, Java, and Python).
- Hobby full-stack projects built with Typescript, Next.js, and/or Vaadin and deployed on Vercel/Heroku.

## EDUCATION

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**Computer Science & Physics** 2015 - 2022  
Faculty of Science, University of Zagreb

**Masters Thesis** - Galaxies morphology classification using deep learning and neural networks (Python, Tensorflow, Keras)

GPA: 3.600

**Classical High School, Zagreb** 2011 - 2015

## TECHNICAL STRENGTHS

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### **Programming (Middle - Advanced)**

Java, Kotlin, Spring, Hibernate, Spring Data JPA  
Typescript, PostgreSQL, GraphQL (with Spring and DGS),  
REST APIs, MVC/MVP architecture, React, Next.js  
MockK, Junit

### **Programming (Beginner Knowledge)**

Quarkus, Reactive programming, Docker

### **Software & Tools**

VS Code, IntelliJ IDEA, Git, Gitlab, Github

### **Git**

Excellent knowledge of Git version control system (5 years total e

### **Agile Framework**

Experience of working in an agile team (Scrum & Kanban)  
and knowledge of Atlassian Stack (Jira, Confluence)

### **Googling**

Excellent in searching and using relevant information  
found on the internet to solve problems.

## LANGUAGES

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English - Fluent, excellent knowledge

German - Beginner knowledge