

## EXPERIENCE

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### On Running

Berlin, Germany

Senior Software Engineer

April 2020–Present

Developing integrations between Salesforce, Microsoft Dynamics 365 and Digital Storefront for the new ERP infrastructure to support the company's explosive growth.

- Designing and implementing a serverless architecture.
- Acquiring continuous knowledge and mentor the team.
- Collaborating in automating the deployment strategy with modern CI/CD tools.
- Influenced in recruiting for new team members.
- Organize and host weekly fitness classes.
- **Technologies:** AWS, Azure, Azure Function Apps, Azure SQL DB, Typescript, Terraform.
- **Methodology:** Agile, Scrum.

### Digital:Lab by Volkswagen

Berlin, Germany

Full Stack Software Engineer

September 2018–March 2020

Championed ownership and development of new products in an entrepreneurial methodology.

- Designed and implemented modern microservice based architecture.
- Created and maintained automated deployment strategy with state-of-the-art CI/CD technologies.
- Co-Innovated end-to-end features with the UI/UX team.
- Spearheaded implementation of quarterly OKRs.
- Organized and hosted weekly fitness classes.
- **Technologies:** React, Angular, TypeScript, Kotlin, Spring Boot, Cloud Foundry, Concourse CI.
- **Methodology:** Extreme Programming, TDD, Pair Programming.

### SAP Innovation Center

Potsdam, Germany

Full Stack Software Engineer

July 2016–August 2018

Develop a native cloud solution addressing the needs of corporates in managing their real estate assets and their workspace.

- Designed and implemented new features end-to-end.
- Introduce End-to-End testing.
- Involved in recruiting new team members.
- Trained junior team members to be productive members of the team.
- **Technologies:** Angular 4, TypeScript, CSS, Java, Spring, SAP Hana Cloud Platform
- **Methodology:** Agile, Scrum.

### Fraunhofer Institute for Applied Information Technology FIT

Sankt Augustin, Germany

Master Thesis Student

June 2015–December 2015

Thesis: Layout-Aware Semantic Information Extraction from Semi-structured Documents.

- Design and implement a rule-based approach to extract semantic information from PDF/Word documents.

### Helius Systems

Tirana, Albania

Full Stack Software Engineer

September 2010–August 2013

Developed and maintained solutions used by clients of varying sizes.

- Implement end-to-end new features, from database design to UI implementation.
- Implement integration with different external partners.
- Influenced in recruiting for new team members.
- Prepare management reporting module: including daily C-level overview.
- **Technologies:** Visual Basic .NET, C# and Microsoft SQL Server 2012.

## EDUCATION

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### RWTH Aachen University

Aachen, Germany

Master of Science, Software Systems Engineering , GPA: 1.40

2013–2016

- Thesis: “Layout-Aware Semantic Information Extraction from Semi-structured Documents”, Grade: 1.0

### University of Tirana

Tirana, Albania

Bachelor of Science in Computer Science, GPA: 1.0

2010–2013

## PUBLICATIONS

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- [1] S. Harmata, K. Hofer-Schmitz, P.-H. Nguyen, C. Quix, and **B. Bakiu**, “Layout-aware semi-automatic information extraction for pharmaceutical documents”, in *Data Integration in the Life Sciences*, M. Da Silveira, C. Pruski, and R. Schneider, Eds., Cham: Springer International Publishing, 2017, pp. 71–85, ISBN: 978-3-319-69751-2.

## SKILLS

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- **Fundamentals:** Algorithms, Design Patterns, OOP, Cloud.
- **Programming Technologies:** TypeScript, JavaScript, Java, Spring Boot, Angular, React, CSS, SQL, Docker.
- **CI/CD tools:** Concourse CI.
- **IaaS tools:** Terraform.
- **Cloud Platforms:** Microsoft Azure, Cloud Foundry, AWS.
- **Databases:** MongoDB, MS SQL Server, MySQL.
- **Programming Techniques:** RESTful services, Unit testing, E2E testing, TDD, Pair Programming.
- **Source Control:** Git.

## LANGUAGES

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- **English:** Fluent
- **German:** Upper-intermediate
- **Spanish:** Intermediate
- **Albanian:** Native