

## Filip Milošević

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### Education

#### **(Masters) Faculty of technical sciences**

High-performance computing.

Relevant coursework: HPC, Data Engineering, Cloud Computing, Blockchain..

Novi Sad, Serbia

2023 - Present

#### **(Batchelors) Faculty of technical sciences**

Applied Computer Sciences.

Graduate coursework: Actor systems, Microservices, Computer graphics, Rule engines, Soft computing, Artificial intelligence, Optimization methods, HCI, Interpreters.

Undergraduate coursework: Operating systems, OOP, Data structures and algorithms, Computer Architecture.

Novi Sad, Serbia

2019 - 2023

#### **Gimnazija “Vuk Stefanović Karadžić”**

Mathematics.

Loznica, Serbia

2015 - 2019

### Experience

#### **Lambdaworks**

Backend Engineer

Novi Sad, Serbia

Oct. 2023 - Present

- Implemented a data syncing service between two large scale dining and nutrition based applications.
- Improved scalability of syncing service to support hundreds of thousands of users.
- Maintained and introduced new features to the nutritional calculation application.
- Designed and implemented GraphQL based Public API-s for the dining and nutritional calculation applications.

#### **Lambdaworks**

Intern

Novi Sad, Serbia

Aug. 2022 - Sep. 2023

- Migrated a life story based application from serverless to monolith architecture adding new major features along the way.
- Implemented CI/CD pipeline and deployed the fresh infrastructure.
- Maintained and introduces a variety of quality of life improvements to a mobile application used for musicians
- Built and maintained Shopify based application for seamless product and category management using serverless architecture.

### Projects & Contributions

- **Paint Assemble.** MS Paint clone made using Rust and WebAssembly. Contains all of the base features the original application had with the ability of multiple users drawing together.
- **Actor framework.** Designed and implemented a framework based on the Actor model. Supports features such as actor behavior, message box, remote communication etc.
- **ZIO ElasticSearch.** Open source contributor implementing new queries and improving testing environment.

### Languages and Technologies

- TypeScript/JavaScript, Rust, Python, Go, Ruby, Java, C, C++, SQL
- Node.js, Express, Prisma, Micro ORM, Serverless, GraphQL Yoga, Apollo, Ruby on Rails, Django, Fast API, WebAssembly
- Github Actions, Semaphore CI
- OpenTofu, Terraform
- AWS Lambda, EC2, ECS, ECR, S3, RDS, DynamoDB, OpenSearch, Cognito, CloudWatch, VPC, IAM, Amplify, AppSync
- NeoVim, Alacritty, Tmux, DataGrip, DBeaver, IntelliJ
- Git