

# NENAD STOJANOVIKJ

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Software engineering leader. I am passionate about working with technology and enabling teams to deliver value.

## EXPERIENCE

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### Senior Software Engineer, Reddit

Oct 2022 – Current, Berlin

*Team: Developer Experience*

- Introduced self-testing to an in-house development environment. This prevented developers from merging code in a monorepo that would break others' environments.
- Augmented the CI metrics by exporting data from the database as a Prometheus metric. This helped track down and optimize slow builds in heavy repositories.
- Architected and built the backend and the frontend for a solution for observing and managing deployments in real time. This "Release Platform" enabled the teams to rollback to a concrete version and observe the changes as they progress.
- Added an optimized GraphQL API for the Release Platform so other teams could use the deployment data for reports.

### Staff Engineer, HelloFresh

Jan 2020 – Sep 2022, Berlin

- Architected and rolled out a data-privacy tool which was deployed to 8 teams. The solution enabled the teams to handle GDPR requests without writing custom code.
- Took an initiative to rebuild a solution provided by a vendor in-house. The solution enabled my team to react faster on requests, scale on-demand, and cut operational costs.
- Shared knowledge by pair (mob) programming and debugging with coworkers.
- Reduced technical debt after conducting an architectural review with a team, resulting in the removal of one Redis and two RabbitMQ clusters.
- In collaboration with a QA engineer, applied the "shift left" mentality and built an on-demand end-to-end testing solution per pull request. This working method reduced the rollback procedures because of failed tests to zero.
- Re-architected a service to allow for any type of custom input and output adapters. The change reduced technical debt and reduced development time of new features.
- In collaboration with the Platform team, ran a self-hosted Kafka Connect solution which enabled every team to deploy their cluster and connectors by providing a simple configuration file.

### Senior Software Engineer, HelloFresh

Jan 2019 – Jan 2020, Berlin

- Organized [Chapter Days](#) to foster knowledge sharing and team building.
- Led an early adopter effort to migrate services to Kubernetes and Istio, which improved the reliability during service deployment and provided metrics and alerting out of the box.
- Applied observability best practices and advocated for distributed tracing. The awareness and adoption rate of distributed tracing rose well over 80% in 3 months.
- Introduced an in-memory caching mechanism for network calls that reduced the response time of downstream services from ~1s to 1ms with a cache hit rate of 99%.
- Created a take-home test for candidates that was very well received and was easy to review.

### Software Engineer, HelloFresh

Sep 2016 – Jan 2019, Berlin

- Built an event-sourced system that eliminated the usage of keeping data in spreadsheets for the operational team.
- Practiced domain-driven design to bridge the gap between product and tech.
- Advocated for and implemented behavior-driven development. This methodology improved the quality of the services and enabled the product owner to define user stories in code.
- Utilized event-driven architecture to reduce coupling between services.
- Decommissioned a monolith and a data source without impact or downtime on dependent services.

### Software Engineer, Vox Teneo

Jul 2015 – Aug 2016, Skopje

- Introduced testing practices with PHPUnit, which directly impacted the number of critical incidents to almost zero after the code coverage reached ~70%.
- Improved the user experience of internal and external users by analyzing database usage patterns and optimizing queries.

- Built an API to integrate with a third party instead of using a scheduled task once per day, enabling real-time data sync and immediate feedback.
- Shared knowledge about testing, debugging, Git, and other topics through presentations and training sessions.

## **EDUCATION**

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**Bachelor of Software Engineering, Gavriilo Derzhavin University**

**2017**

## **SKILLS**

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- Languages: Go, PHP, Python, Java, JavaScript, Kotlin
- Databases and brokers: PostgreSQL, Kafka, Kafka Connect, RabbitMQ, MySQL, SQL Server
- Infra and tools: Kubernetes, Linux, Helm, Terraform, Ansible, Istio, OpenTelemetry, Grafana, Prometheus, Debezium, Benthos