

Ciprian-Sorin Teletin

Software Engineer, M.Sc.

About Me

Software Engineering professional with over 5 years of experience, specialising in JVM-based languages and backend development. Skilled in developing mobile applications using Flutter and adept at implementing DevOps practices to enhance system reliability and team efficiency. I have contributed to a variety of innovative projects, combining technical expertise with a focus on delivering impactful solutions. I am now seeking opportunities to tackle challenges in scaling systems and optimising performance for applications serving millions of users.

EU citizen, open to relocation.

Education

M.Sc. Software Systems Engineering

West University of Timisoara, Romania

Valedictorian Academic Honors

Thesis topic - SmartRentalAgreement: A serverless web application facilitating rental agreements between tenants and landlords, integrated with smart contracts and cryptocurrency payments

B.Sc. Computer Science

West University of Timisoara, Romania

Thesis topic - InsulinX: Software application to monitor using both Machine Learning algorithms as well as index based formula the evolution or risks of diabetes.

Language

- English
- Romanian
- German (A1)

Skills

- Java, Spring Boot, Quarkus, Java EE, Flutter, Dart, JavaScript, Angular, Python, React
- Oracle, Postgres, MySQL, Redis, Elasticsearch, SolR, SQLite, Hibernate, MongoDB, Flyway
- Docker, Kubernetes, Helm, Terraform, AWS, RabbitMQ, Kafka, Confluent Cloud, GitHub Actions, Jenkins, Loki, Grafana, Prometheus, Kibana.

Contact

+40-770-136-156

<https://www.linkedin.com/in/ciprian-teletin/>

ciprian.teletin@e-uyt.ro

Timisoara, România



Work Experience

Backend Software Engineer, DevOps Lead

2022 - Present

Cognizant Mobility - Timisoara, Romania

- Refactored a non-scalable service due to its volume and state store which was causing a massive bottleneck into data transfer into a scalable service, leading into a 10x better performance.
- Contributed to History feature redesign and implementation in an event-driven way, by using concepts such as Outbox pattern, multi-interface caching and NoSQL databases.
- Designed and implemented various batch processes with fail-safe mechanism, such as retry-mechanism with exponential backoff, circuit breaker and rolling-update, resulting in less data being lost in the transfer.
- Re-writing of a microservice bridge between multi-platform applications in a concurrent safe manner which prevented data duplication.
- Migrated the on-prem server to Payara5 from Payara4. Migrated from old protocol authentication to OIDC Authentication.
- Migrated over 30 repositories from BitBucket to GitHub, as well as all related Jenkins pipelines to GitHub actions. Refactored the GitHub Actions in the migration process. Integrated SAST into code repositories.
- Re-writing the EKS configuration which led to the allocation of CPU to be reduced to half across the cluster.
- Migrated over 40 microservices from On-Premise Kafka to Confluent Cloud, including refactoring in-house Kafka libraries for a Cloud oriented approach.
- Coordinates deployments across all environments as Deployment Lead.
- Creation & improvements over AWS services, such as EKS, ECR, OpenSearch, VPC, RDS.
- Refactored and implemented several EKS and Terraform configuration files regarding AWS and Kubernetes infrastructure.

Backend Software Engineer

2021 - 2022

Endava - Timisoara, Romania

- Designed and implemented the invoice system for elderly people in a social care application as the feature lead.
- Involved directly in design and implementation of the Payment & Billing system.
- Improved the in-house framework by refactoring and upgrading deprecated methods / libraries.
- Sustained Java, Spring Boot and Design Patterns courses for interns and junior developers who joined the company.

Teacher Assistant

2021 - 2024

West University of Timisoara

- Teaching, grading, as well as preparing and correcting homeworks and laboratories tests for courses, such as: Artificial Intelligence, Design Patterns, Software Engineering, Combinatorics and Graph Theory.
- Supervised courses final exams as well as admission exams.

Junior Java Developer

2020 - 2021

BearingPoint - Timisoara, Romania

- Contributed in adding new features for a banking regulatory application, such as various formula implementation and data regulation rules.
- Implemented various design patterns, such as Decorator, Factory, Command to maintain a clean and reusable code.
- Bug fixing of backend / frontend issues.