



Daniel Adrian Gherasim

FULL STACK DEVELOPER

Details

Iasi, Romania

Iasi

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Links

LinkedIn

WEB ANALYTICS SYSTEM

Project

Infrastructure Automation for
Microservices Architectures

Skills

Ability to Multitask

Leadership

Adaptability

Critical Thinking

Fast Learner

Dedicated

Languages

English

Romanian

Profile

I am a motivated Full Stack Developer with hands-on experience building scalable, reliable, and user-focused applications across the full development lifecycle. I work confidently with modern front-end and back-end technologies, cloud platforms, CI/CD pipelines, and DevOps practices, consistently delivering clean, maintainable, and high-quality software.

Employment History

Full Stack Developer, BeeNear, Iasi

AUG 2025 – PRESENT

I work on developing and maintaining scalable web applications using Angular for the front end and Spring Boot-based microservices on the back end. I implement REST APIs, integrate business logic across distributed services, and collaborate with cross-functional teams to deliver reliable features. I work with MongoDB for data modeling and persistence, ensuring efficient queries and application performance. I focus on code quality, cloud-ready architectures, and secure, maintainable solutions.

Full Stack Developer, MIND CTI, Iasi

MAR 2022 – AUG 2025

As a **Full Stack Developer**, I have been involved in the end-to-end development of web and mobile applications, contributing to architecture design, feature implementation, and deployment processes. I work confidently across both front-end and back-end stacks to build scalable, performant, and secure solutions in Agile environments.

Key Contributions:

- **Web Application Development:** Developed dynamic web applications using ReactJS and Redux, integrating them with robust back-end services powered by Java and Spring Boot.
- **Mobile Application Development:** Built a cross-platform mobile app using React Native, ensuring seamless compatibility for both iOS and Android users.
- **Version Control & Collaboration:** Managed and collaborated on code using Git and SVN, maintaining efficient version control workflows in Agile environments.
- **REST API Development:** Designed and implemented REST APIs, integrating OAuth-based authentication for secure user access.
- **Helm-based Deployment Architecture:** Designed and implemented a reusable Helm-based architecture to standardize Kubernetes deployments, simplifying environment management and improving release reliability

Technical Expertise:

- **Backend Development:** Proficient in Java (8, 11, 17) and Spring Boot, with experience developing microservices-based architectures.
- **Microservices:** Developed Quarkus-based microservices using Java 17 and Hibernate ORM, containerized with Docker, and integrated with Microsoft Graph.
- **Docker & Kubernetes:** Extensive experience in containerizing applications and modules using Docker and preparing them for migration to cloud environments using Kubernetes.
- **Testing & Quality Assurance:** Developed and maintained automated tests using Vitest for front-end testing and Mockito for unit testing back-end services.
- **Database Management:** Experience working with Oracle, PostgreSQL, and MariaDB.
- **Authentication & Security:** Implemented authentication and authorization mechanisms using Keycloak and Microsoft Identity, ensuring secure access and integration.

Additional Skills:

- **Agile Methodologies:** Worked in Agile development teams, collaborating closely with cross-functional stakeholders to deliver software solutions.
- **CI/CD & DevOps:** Familiar with CI/CD pipelines, automating testing and deployment using Jenkins, GitLab CI, Helm, and Kubernetes.
- **Performance Optimization & Security:** Focused on improving application performance, security, and scalability across the full stack.

Education

Master's degree in Computer Engineering, Gheorghe Asachi Technical University of Iasi, Iasi

OCT 2023 – JUL 2025

Bachelor's degree in Computer Engineering & Engineer, Stefan cel Mare University of Suceava, Suceava

OCT 2019 – JUL 2023

Project

Infrastructure Automation for Microservices Architectures, Iasi

- Designed and implemented a fully automated DevOps pipeline to deploy microservices into Kubernetes clusters, focusing on **Microsoft Azure** as the main cloud provider.
- Used **Terraform** to provision infrastructure as code in multiple environments (**dev, staging, prod**) and across cloud providers (Azure, AWS, GCP).
- Automated CI/CD workflows in **GitLab**, including: 'Infrastructure validation and apply 'Docker image builds 'Vulnerability scanning and push to ACR
- Defined and deployed Helm charts for all application components in a separate repository.
deployment
- Used **ArgoCD** as a GitOps controller to continuously synchronize Kubernetes deployments with the desired state defined in Git.
- Developed multiple microservices in **Quarkus (Java)** and a **Next.js** frontend, each deployed independently and scalable per environment.
- Configured **Ingress NGINX** and **cert-manager** for secure HTTPS routing.
- Integrated **Keycloak** for centralized authentication and authorization (SSO), with role-based access for each service.
- Enabled full observability through **Prometheus**, **Grafana**, and **Loki**, deployed automatically using Helm as part of the Kubernetes infrastructure stack.
- Ensured scalability at both the infrastructure and workload level via **cluster autoscaling** and **horizontal pod autoscalers (HPA)**.