Andrea **Hrelja**

Profile Summary

◇ IT enthusiast with 4+ years of professional experience as a *Data Engineer*, 2+ years of professional experience as a *Platform/DevOps Engineer* and 1+ years of professional experience in *Backend Software Development*. I have worked with various production systems and clients, as a team member and as a one-man band. I am a positive, detail oriented, result focused, productive individual with a can-do attitude driven by impact.

Contact details

✉ andhrelja@hotmail.com

in linkedin/andhrelja

⊙ github/andhrelja

Personal information

Location: **Pula, Croatia**

Hobbies: Reading; Road Trips; Movies;

Languages: **Croatian** (L1); **English** (C1); **Italian** (A2);

Skills

- AWS
- Azure
- Bash
- Docker
- Git
- GitHub Actions
- Grafana
- Kubernetes
- Linux
- Prometheus
- Python
- SQL
- Terraform
- Communication and team collaboration

Experiences

Kern AI Gmbh	**11/2023–Present**

Cloud Engineer — **11/2023–Present**

◇ Led the migration of a production system from DigitalOcean to Azure Kubernetes Service, improving system scalability and reliability

◇ Designed and implemented an IaC development platform followed by a CI/CD pipeline using OpenTofu (Terraform), GitHub Actions, and Kubernetes, streamlining the deployment process and reducing manual errors

◇ Designed and implemented on-premise monitoring and alerting solutions using Prometheus and Grafana, enhancing system observability and proactive issue resolution

◇ Consolidated multiple environment-specific infrastructure stacks into a single OpenTofu stack, improving consistency and reducing maintenance overhead across environments

iOLAP Inc.	**07/2019–11/2023**

DataOps Engineer — **12/2021–11/2023**

◇ Developed a version control SQL CI/CD pipeline using Python, AWS, and Snowflake technologies (CodeBuild, GitHub Actions, Flyway), improving deployment speed, accuracy and reliability for multiple SQL development teams

◇ Collaborated with cross-functional teams and clients to design tailored solutions, handling discovery, requirements gathering, and strategy discussions

◇ Built and maintained the CI/CD infrastructure, streamlining data warehouse development across teams

Data Engineer — **07/2019–10/2021**

◇ Developed ETL/ELT pipelines on-prem (SQL, Oracle Data Integrator, SSMS) and AWS (DynamoDB, Glue, Lake Formation, Lambda, Redshift)

◇ Collaborated with system architects to design scalable, efficient data architectures for downstream analytics

◇ Delivered robust ETL solutions, ensuring data consistency and quality

Education

UNIV. MS. INF.	**2020–2022**

Faculty of Informatics and Digital Technologies, University of Rijeka

UNIV. BACC. INF.	**2016–2020**

Department of Informatics, University of Rijeka