

Andrei Candale

Generalist, with a passion for systems design, who led and contributed to the modernization of the technology stack of two merging companies.

Work Experience

Legentic

Head of Platform | Jan 2022 - Current

- Consolidated the core infrastructure and projects of two merging companies into a unified, robust platform, reducing costs by 20% and tripling performance.
- Led and contributed to a year-long overhaul of core platform applications, ensuring zero downtime for end-users.
- Architected and developed a flexible crawling infrastructure that responded quickly to changing requirements.
- Initiated and led a move to containerization in both prod and test/dev environments that increased robustness and productivity
- Improved developer experience by introducing best practices and tools, reducing operational time by up to 100%.
- Enabled data-driven decisions in the product by initiating and supporting development for a platform that generates metrics based on user behaviour
- Designed and developed cost monitoring and control tooling that helped the company make business decisions
- Advised leadership and consulted with product and data teams, while mentoring and training engineers.
- Initiated and led knowledge-sharing programs within the technology department, fostering continuous learning.

Team lead | Apr 2020 - Jan 2022

- Led a team to enhance the product's suitability for customers by implementing RBAC, improving scalability, and addressing other critical requirements
- Led the move to containerization across all projects, increasing deployment efficiency and system robustness.
- Developed customer integrations using HTTP APIs

Brightmaven

Team lead | Sep 2016 - Apr 2020

- Developed the product from an MVP to a fully fledged system
- Architected and developed the scraping operation to a distributed system that met the needs of the product
- Build data pipelines to process the growing demands from the data acquisition platform
- Initiated and developed technical improvement programs for the company employees

- Architected and developed the product's business data layer on top of Cassandra and Elasticsearch

Spyhce

Python Developer | Nov 2014 - Sep 2016

Designed and implemented web applications using mostly open-source technologies revolving around Python. As a developer, was also in charge of training and mentoring junior colleagues for extended periods of time while also being actively involved in growing and encouraging the technical community in Spyhce.

Yonder

Progress ABL Developer | Nov 2013 - Nov 2014

Developed and maintained Progress ABL projects while in close contact with the Dutch customers. Responsibilities included developing new features, writing and testing Java SOAP services, developing C# Windows Forms and automating various tasks using Python scripts.

Education

Babeş-Bolyai University, Cluj-Napoca, Bachelors Computer Science | 2012- 2015

Skills

Programming Languages: Python, Javascript, C

Databases: Clickhouse, Elasticsearch, DynamoDB, Cassandra, Postgres, Redis

DevOps: AWS, Docker, Kubernetes, Rancher, kubecost, Datadog

Scripting/tooling: Bash scripting, Git, GNU/Linux

Infrastructure (as Code): AWS, CloudFormation, CDK, Terraform

Frameworks: Django, DRF, FastAPI, Airflow

Languages: Romanian - native, English - fluent

Personal interests

- Passionate about home automation and embedded programming. Built the hardware infrastructure and put together the software to automate parts of my home