

RASSIL BEN RHOUMA

CTO & Co-Founder @Laevitas | rassilbr.me

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EXPERIENCE

CTO & Co-Founder

Laevitas.ch

08/2020 - Present Location

- Co-founded and led Laevitas as CTO and Project Leader, defining and executing the company's technology strategy
- Migrating core data processing and analytics from job/cron-based systems to real-time, event-driven architectures using producer-consumer pipelines
- Designed and deployed high-availability infrastructure with Nomad, Docker, Redis, and ClickHouse
- Implemented Redis Streams and Pub/Sub for low-latency data streaming and aggregation
- Built robust monitoring and observability with Grafana, Prometheus, and Elasticsearch
- Led R&D to select and implement the best-fit ETL and database solutions for high performance and efficiency.

Project Leader

Growapp.digital

05/2020 - 07/2020 Location

- Directed SaaS marketing analytics platforms using Spring Boot, NodeJS, Python, Angular, Docker, Jenkins

Full Stack Developer

Sure-Bid.com

04/2019 - 04/2020 Location

- Developed a bidding platform for subcontractors using NodeJS, Angular, MongoDB, AWS

JEE Developer

OTDAV Organization

11/2018 - 03/2019 Location

- Developed copyright management tools (JEE, WildFly, MySQL)

Web Developer

Efrica Ecommerce

07/2017 - 11/2018 Location

- Built an ecommerce site for African artisans (PHP, Symfony, MySQL)

EDUCATION

Master's in Computer Science

Esprit University

2017 - 2021 Location

Bachelor's in Computer Science

Faculty of Science of Tunis

2014 - 2017 Location

Tunisian Baccalaureate Diploma in Computer Science

Route of Menzeh Beni Khalid

01/2012 - 12/2012 Location

- Tunisian Baccalaureate Diploma in Computer Science - Grade: Good ()

SUMMARY

Experienced Project Leader, CTO, and Software Architect specializing in crypto analytics, real-time ETL pipelines, and high-performance dashboards. Proven expertise in migrating legacy systems to event-driven, cloud-native architectures with strong DevOps and observability practices.

KEY ACHIEVEMENTS

High-Performance Dashboard

Designed and delivered secure, high-performance dashboards with best practices in UX, security, and data visualization.

Analytics Event Driven Architecture

Successfully led a team to migrate analytics systems to real-time architectures.

R&D and On-Premise Optimization

Conducted in-depth R&D and successfully set up on-premise infrastructure to achieve better performance and significantly reduce operational costs.

Big Data Management

Handled and processed over **7 billion rows** across SQL and NoSQL databases, ensuring efficient storage, fast querying, and seamless delivery to client-facing APIs.

SKILLS

AWS Postgres MongoDB

ClickHouse Redis Docker

Git Actions NodeJS Python

Angular NestJS AWS Lambda

Cloudflare Grafana Prometheus

Redis Pub/Sub Java Jira Git Flow

Agile Scrum We