Lakhdar Ben Zahia

Title: Sr Software Backend Engineer
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Education:

- Master's degree - Computer Engineering, ENS Algiers, Algeria

September 2012-June 2017.

Employment History:

Sr. Backend Software Engineer at YASSIR INC.

USA,Remote
January 2024-present

1. Developing and maintaining a SuperApp offering mobility, delivery, and financial services.
2. Designed and implemented a scalable and highly available a centralised authentication system with Keycloak, ensuring GDPR compliance.
3. Integrated the identity provider (IDP) with Apigee for API management, simplifying authentication flows this leads to reducing the complex authentication processes across multiple products.
4. Enhanced testing methods for backend services, reducing critical issues.
5. Manage shared domain backend services, ensuring smooth releases and deployments on GCP.
6. Enhanced the existing logging system to monitor backend services and quickly identify root causes of production issues.
7. Lead and mentor team members, fostering growth and project success.
8. Collaborated in cross-team technical workshops to share knowledge and foster innovation.

Technologies: JavaScript, TypeScript, Node.js, Express.js, NestJS, Golang, REST APIs, Jest, MongoDB, Redis, Git, Keycloak, Google IDP, Cloud Functions, Google Cloud Storage, Apigee. Terraform. Github, Github actions. Sentry.

Sr. Backend Software Engineer at KOLLABO AG.

Zurich, Remote
November 2022-December 2023

1. Contributed to a startup focused on transforming the skilled blue-collar workforce.
2. Enhanced testing methods for backend services, reducing critical issues.
3. Developed a robust logging system to monitor backend services and quickly identify root causes of production issues.
4. Designed and implemented secure, scalable APIs based on project specifications.
5. Maintained backend services and prepared them for releases and deployments on Heroku and AWS.
6. Collaborated in cross-team technical workshops to share knowledge and foster innovation.

Technologies: TypeScript, Node.js, Express.js, NestJS, REST APIs, Jest, PostgreSQL, Redis, Git, Heroku, AWS, Lambda Functions, S3, Heroku Connect. Terraform. datalog.

Sr. Backend Software Engineer at Healy World GmbH.

Hybrid Berlin.
November 2021-2022

1. Contributed to groundbreaking wearable technology that integrates with smartphones to enhance health through frequency programs.
2. Improved backend performance by introducing modern technologies during API migration.
3. Led a seamless database migration, enhancing data management and operational efficiency.
4. Built a robust Full-Text Search API with Algolia, providing users with advanced search capabilities.
5. Prepared backend services for releases and deployments on GCP.
6. Collaborated in cross-team technical workshops to share knowledge and foster innovation.

Technologies: Python, TypeScript, Node.js, Express.js, NestJS, REST APIs, Jest, Firestore, Git, GCP, Firebase Cloud Functions, Google Cloud Storage. Algolia. Search engines, NLP. Terraform. Google logging.

Founding Software Engineer at Docta.

Remote Algiers.
January 2020 - November 2021.

1. Led the formation of the technical team and successfully developed the MVP for an online health practitioner appointment booking platform.
2. Designed and implemented a monolithic architecture with a primary RESTful API, streamlining integration with frontend applications.
3. Prepared backend services for releases and deployments to the AWS ECS cluster.

Technologies: TypeScript, Node.js, Express.js, NestJS, REST APIs, Jest, PostgreSQL, Socket.IO, Redis, Git, ECS, AWS, Lambda Functions, S3. Terraform. Cloud watch.

Backend Software Engineer at YASSIR SPA.

hybrid, Algiers
September 2017 — December 2019

Yassir Mobility Domain

1. Contributed to Algeria's pioneering ride-hailing app, expanding its reach across Africa.
2. Maintained backend services and prepared them for releases and deployments on GCP.
3. Developed and exposed secure, scalable REST APIs to support application functionality.
4. Played an active role in Yassir's platform expansion into new markets and regions.

Technologies: Python, JavaScript, TypeScript, Node.js, Express.js, REST APIs, MongoDB, Socket.IO, Redis, Pub/Sub, Git, GKE, Heroku, Cloud Functions, GCP, Google Cloud Storage.