

# ERWAN LÉBOUCHER

## Senior Software Engineer

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### SUMMARY

Backend-focused Software Engineer with 5+ years of experience in building scalable, high-performance applications. Expert in Golang, Python, and database optimization, processing 500M+ daily records in a matter of seconds. Skilled in implementing real-time services with millisecond response times. Adept at optimizing complex systems, implementing real-time services with millisecond response times, and leveraging cloud technologies to enhance data processing capabilities and overall system performance.

### EXPERIENCE

#### Senior Software Engineer

Wolt    10/2021 - Present    Berlin/Paris

- Led the architecture and development of a high-performance audience builder tool for marketing managers, enabling the creation, analysis, and export of targeted audiences to third-party ad networks
- Implemented innovative features like periodic audience updates and automatic audience generation to enhance tool functionality and user experience
- Optimized data pipeline to process over 500 million rows daily, utilizing AWS S3 for artifact storage to ensure rapid performance and scalability, resulting in a 30x faster processing speed
- Integrated DynamoDB for millisecond query responses in the ordering system, enabling real-time eligibility checks for promotions and boosting system performance
- Collaborated with cross-functional teams to align tools and systems with business goals, leading to more impactful targeted marketing campaigns and improved user experience
- (Golang, React, PostgreSQL, Snowflake, DynamoDB, S3, Kubernetes, Kafka)

#### Software Engineer

viafintech    09/2019 - 10/2021    Berlin

- Integrated multiple external transaction API such as Alipay or Incomm (gift cards) using Golang. Enabling the user to use these services at a retail.
- Designed and developed an iOS and Android application to find the nearest retail partners with React Native and Typescript.
- Engineered a new deployment system written in Golang, affecting 60+ services. Integrated using Golang and Bash with Docker, GitLab, AWS S3 and Vault. Reducing the deployment time by 95%.
- (Golang, React / React Native, PostgreSQL, RabbitMQ)

#### Full-Stack Developer

GitGuardian    11/2018 - 07/2019    Paris, France

- Involved in the main website redesign using GatsbyJS with serverless functions in NodeJS, now viewed by more than 50k people per month
- Created a B2B dashboard used by some Fortune 500 with Django and React
- (Django, Python, React, PostgreSQL, Golang)

### PROJECTS

#### Android OS open-source community

2015 - 2017

Adding improvements and features on the Android system and kernel, with Java and C. Member of multiple organizations such as Lineage OS / CyanogenMod and AICP. Recognized developer on the developer forum XDA.

#### Navya x 42 - Team Exedra - First Place

2019

Navya organized a contest with 42 about improving the user experience aboard the car. We envisioned a pop-up meeting room, then we engineered a platform to book and manage meetings with React Native and Express.

### EDUCATION

#### Computer Science

École 42

2019

### CERTIFICATION

Cambridge English advanced (CAE) C1 English

### LANGUAGES

English    Proficient    ●●●●●

French    Native    ●●●●●

### SKILLS

#### Language

Golang    Python    Typescript

Javascript    Java

#### Frontend

React    Vue    React Native

#### Tool

PostgresSQL    Kafka    Dynamodb

Redis    S3    Snowflake

#### Cloud & DevOps

Docker    AWS (S3, DynamoDB, etc.)

GitLab CI/CD    Github Action

Kubernetes