

# Jordan Butterwick

## Details

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## Links

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## About Me

- I'm a polyglot and multi-paradigm developer and have shipped projects in over 15 languages, both OOP and Functional (pure and impure)
- I've shipped anti-fraud machine learning systems that protected tens of billions of dollars over tens of millions of transactions.
- I'm a SQL query optimizer and have optimized queries over hundreds of millions of records and dropped processing times as much as 98%
- I live and breathe data, distributed and centralized, relational and non-relational.

## Job Expectations

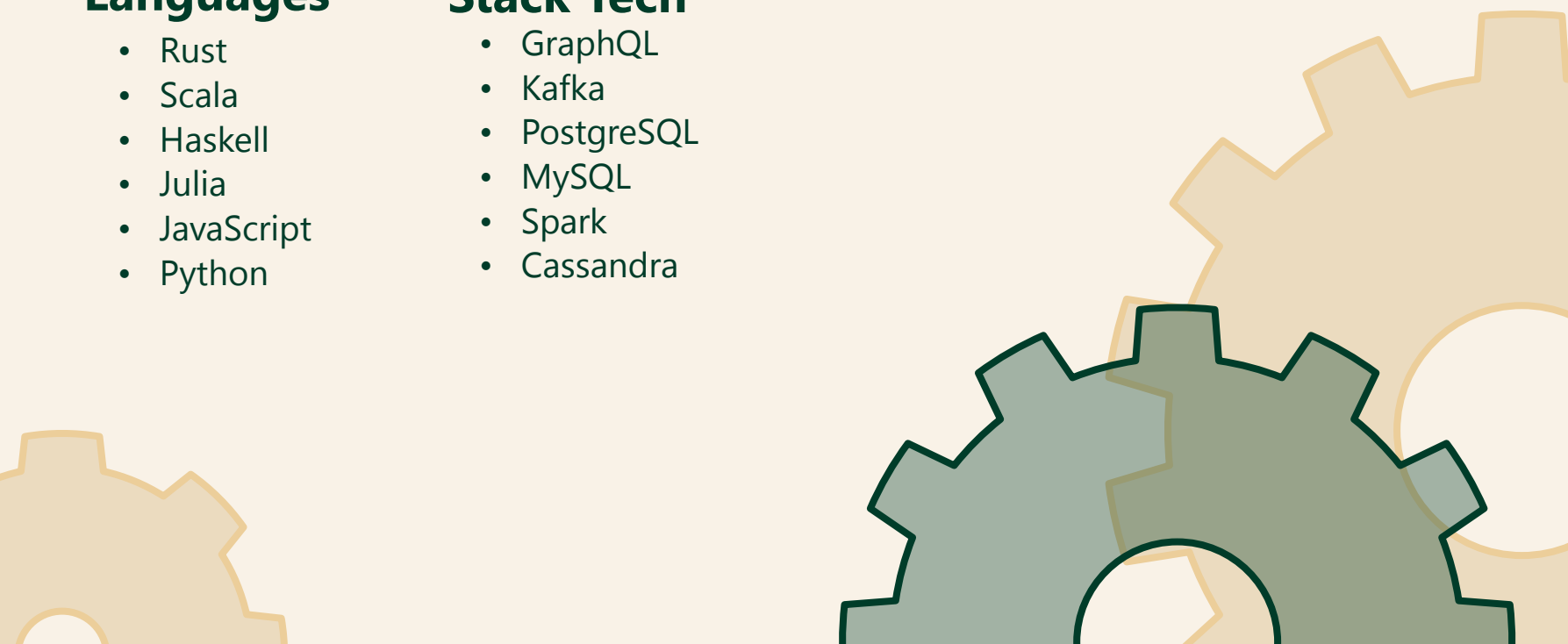
- permanent remote
- diverse management team
- professional development opportunities
- a GNU/linux or MacOS development environment

## Languages

- Rust
- Scala
- Haskell
- Julia
- JavaScript
- Python

## Stack Tech

- GraphQL
- Kafka
- PostgreSQL
- MySQL
- Spark
- Cassandra





# Experience

## Helcim

▶ **Jr. Developer** May 2019 - Dec 2019

Fullstack Development on a highly compliant payment processing LAMP stack application that handled millions of dollars of payments per day.

▶ **Machine Learning Engineer** Dec 2019 - Mar 2021

Developed an ML application that detected financial and social security fraud using Python with Sci-Kit Learn, numpy, and Pandas.

Built a LAMP stack application for analysis and monitoring of fraud event data.

Architected and developed data pipelines, performed IDA and EDA on extremely large data sets, data wrangling and cleaning, as well as training and modelling.

## Statflo

▶ **Software Engineer** Aug 2021 - June 2022

Built microservices on a highly compliant and scalable product with tech like Scala, Kafka, Kubernetes, Docker, and PostgreSQL

▶ **Backend Software Engineer, Data and Analytics** June 2022 - May 2023

Built backends, ETLs, data pipelines, and reporting infrastructure with tech like Python, TypeScript, Rust, MySQL, and PostgreSQL

## DocuPet

▶ **Senior Backend Engineer** May 2023 - Present

Building backend APIs and Frontends, data infrastructure and ETLs with PHP, GraphQL, Doctrine, Symfony, MySQL, and Docker