

# Sebastian Vera

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## WORK EXPERIENCE

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### Viewstats by MrBeast

Remote

Back-end Engineer

Jun 2024 - Present

- Developed a robust Paddle client for Viewstat's migration from Stripe, efficiently handling all routes, exception handling, and webhook signature verification. Supporting all of Viewstats' Pro users.
- Architected and implemented a highly scalable bookmarkable functionality for tracked channels, successfully handling over 4,000 bookmarked channels with 400+ new bookmarks daily. Worked across the stack, delivering both frontend (Next.js) and backend (Java, Spring Boot, Google Cloud Spanner) components.
- Rapid prototyped the Higher Lower Challenge API with 15 new routes in a one-week sprint, leveraging Java, Spring Boot, and Google Cloud to deliver a seamless experience for hundreds of users at VidSummit. Integrated Google Cloud Vision API for intelligent curation of user profile pictures.

### Sellcelerate

Remote

Founder | Software Engineer

Dec 2022 - Present

- Developed & maintained a robust Python Django API (Docker, K8s) automating orders for top Amazon partners. 27K+ orders, 22K+ shipments in Q1 2024.
- Engineered Electron desktop apps integrating our API, providing real-time data & automation for Amazon sellers.
- Leveraged GCP, Airflow, Redis to optimize batch & cron jobs. Increased label creation throughput by 40%.

### Kemok (Start-up featured in Forbes Centroamérica)

Remote

Software Engineer - Back-end

Dec 2022 - Feb 2023

- Identified and resolved a critical barrier in data collection by engineering novel techniques to bypass CAPTCHA and bot detection, modifying HTTP request headers. This breakthrough unlocked access to over 20,000 previously inaccessible data points weekly, dramatically enhancing the big data analysis capabilities of Senz and Bonz products.
- Developed a robust web scraping REST API using Selenium and Python, integrated with batch cron-jobs on distributed systems (RabbitMQ, Airflow, Traefik, Redis, Postgre SQL) to streamline big data collection from Guatemala's public spending government website.
- Addressed regular production bugs and improvements in existing **Python** services using **Jira** to prioritize requirements, and utilizing CI/CD pipelines to rapidly iterate.
- Developed **microservice architecture** that allowed eventually consistent information to be re-synced in response to delays, **reducing execution time for batch jobs by 25%**, as quantifiable by faster completion of web-scraping tasks.

### Piana Investing Club

Remote

Full Stack Engineer

Oct 2021 - Sep 2023

- Developed cron-job powered REST API (JavaScript, Node.js) for leverage & profit calculations using real-time iEX stock prices for iOS app.
- Built user & membership infrastructure with GraphQL, MongoDB, Stripe.
- Created SPA landing page (React, PostCSS, MVVM, GCP) driving 6-figure Q1 sales.
- Developed iOS app (React Native, Expo, CSS) with real-time stock data & analytics.
- Orchestrated daily CSV parsing (Airflow, Node.js) for investment data in frontend.

## CERTIFICATES

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### University of Helsinki

Full Stack Open, issued on 2022

- Mastered React, Redux, Node.js, MongoDB, GraphQL, TypeScript in rigorous Full Stack Open MOOC.
- Enhanced course materials on GitHub; recognized by instructors for exceptional code quality.
- Developed scalable social media app as a project with a RESTful API, real-time updates and user auth.