Adrian Aranda *Software Engineer*

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Passionate software engineer experienced in building end-to-end solutions with Java, Python, and modern UI frameworks. With a background in audiovisual media customer success, I bring an impactful and comprehensive approach to software development, specializing in scalable distributed systems and data pipelines.
On a personal note, I'm passionate about swimming, chess, art (I'm a musician!) and engaging with others to exchange ideas.

SKILLS

Languages: (Java/Kotlin, Python, Javascript/Typescript, SQL, HTML/CSS), **Data Mesh:** (PySpark, DAGs, Airflow, Jupyter), **Git**, **REST API:** (Spring, FastAPI, Express, Postman), **UI Development:** (React, Vue, Bootstrap, Tailwind), **Observability** (Datadog), **Infrastructure** (AWS, Kafka, Docker, Microservices Architecture, Spinnaker, Terraform), **Geolocation** (Mapbox + Google API), **Testing** (JUnit, Pytest, Jest, Unit-Functional-Integration Testing, TDD), **Agile/Lean**, **Data Structures**, **Curiosity.**

PROFESSIONAL EXPERIENCE

Full Stack Software Engineer, *Glovo* ⧉   2022 – present
Barcelona, Spain
- Increase the efficiency of a +60K courier fleet across 25 countries by developing and maintaining scalable and fault-tolerant microservices in JVM environments for the engineering Courier Cluster.
- Build event-driven pipelines and data products that consume +2.5 million daily events using Kafka, PySpark and Airflow.
- Lead communications with the UX/UI team to ensure a seamless user experience while implementing UI components for the operators' panel with Vue.
- Supervise infrastructure for services handling +1.5 million daily requests using Terraform, AWS and Docker and enhance observability through the implementation of monitoring with Datadog.

Back End Software Engineer, *Bolt* ⧉   2021 – 2022
USA (Remote)
- Developed and executed complex feeds, crawlers and scrapping bots that successfully retrieved +400k products from our partners' online stores.
- Designed and built headless Puppeteer scripts to simulate the purchase process in partner stores, including selecting products, adding them to the cart, and checking out.

PROJECTS

SEVEN, *React, Node, Rest API, Mapbox, Google Maps API, Cloudinary, OAuth2, MongoDB* ⧉
- Full-stack event planner application with geolocation features.

Apipie, *Express, Node, Handlebars, Bootstrap, RestAPI, OAuth, MongoDB* ⧉
- Instagram/Wikipedia-inspired full-stack social network for bakery lovers.

ChatDataHub, *Python, Poetry, OpenAI API, Slack API, Gradio, Jupyter, AWS EC2*
- Slack integrated NLP chatbot trained on Glovo's databases to enable better decision-making through valuable insights.

LANGUAGES

English (C2 - Full Proficiency) • Spanish (Native) • Catalan (Native)

EDUCATION

Full Stack Web Development, *Ironhack School*   2021 – 2021
Barcelona

Audio Engineering BSc, *Escola de Mitjans Audiovisuals (EMAV)*   2015 – 2018
Barcelona