



Inaki Anduaga

Curriculum Vitae

About me

Driving change. At maximum speed. With uncompromising quality. A relentless passion for improving processes, crafting top-notch, scalable solutions is what keeps me late at night, reading about the newest technical possibilities, or thinking about ways to make my teams perform better. The end objective is simple: Give my clients a competitive advantage to move faster than the competition, delivering not just products, but an engineering culture with processes that establish a foundation for continued, sustainable growth.

I've been solving problems for the past twenty years, first as a physicist fascinated by the mathematical beauty and complexity of nature's laws, and nowadays as a director of technology working on more practical challenges, always aspiring for efficient, pragmatic solutions. Although different problems require different tools, the underlying thinking is usually the same, namely consistent logic, big-picture analysis, generalization of specific solutions, and looking at edge cases, whether solving a differential equation or finding a shortcut to deliver a product faster. These are the concepts I work hard to excel at.

Professional Experience

- 2023-current **Director Technology**, *Edenspiekermann*, Berlin, Germany.
Responsible for the entire lifecycle of a digital product from the technical point of view, from planning, budgeting, estimations & staffing, to guiding the execution of the product until hand-over. This role demands a diverse skill-set, from ramping up high-performant teams in short time, with a razor-sharp focus on execution and delivery, to understanding the product and making smart tradeoffs that simplify technical complexity.
- 2021-2022 **Smyle Management Team**, *AutoScout24 GmbH*, Munich, Germany.
As part of the smyle online car sales management team, I was co-responsible for defining and prioritizing business objectives, generating the strategy to achieve them, and guiding the product teams in its execution. In addition, I had two additional responsibilities:
- In 2021, I led the technical implementation of the smyle MVP, *launching in record time in only 6 months from design to first car sold online*.
 - In 2022, I managed the smyle analytics team, *creating a brand-new, high-performance platform for data processing and visualization* of all business & product KPIs.
- 2019-2021 **Principal Software Engineer**, *AutoScout24 GmbH*, Munich, Germany.
Reducing technical complexity, driving architecture, and increasing the quality of solutions and code used throughout the organization. Responsibilities included leading high-impact initiatives to improve engineering practices, serving as a technical lead for multiple engineering teams, and improving communication among engineering teams.

81245 Munich – Germany

📞 +49 1605553687 • ✉ inaki@inakianduaga.com • [in inakianduaga](#)

- 2017-2019 **Lead Engineer**, *AutoScout24 GmbH*, Munich, Germany.
In charge of pushing innovation at AutoScout24 through research of new technologies, introduction of best coding practices and *improving overall technical abilities of fellow engineers*.
- 2013 - 2016 **Full Stack Developer**, *tado GmbH*, Munich, Germany.
In charge of developing and maintaining the entire frontend & backend of the main tado.com website, including CI infrastructure, AWS server setup/provisioning, RDS database migrations/backups, code deployments, logging & performance tuning.
- 2010 - 2013 **Entrepreneurship (Founder)**, *TheCouponbay.com*, USA/Munich.
Responsible for all backend and frontend operations of an affiliate-marketing website, including website code, server security, paid campaigns, and managing affiliate partner relationships with publishers such as HP, Dell, Lenovo, and Sony.
- 2004-2010 **Teaching Assistant**, *UIUC*, Urbana-Champaign, USA.
 - Classroom teaching of beginner and intermediate courses in Physics
 - Ranked as "Excellent Teacher Assistant" on multiple semesters (2008, 2009, & 2010)

Skills (non-exhaustive)

Management	Project leadership, business strategy, targets & roadmaps, communication & culture, goal-oriented mentality, staffing and coaching high-performance teams.
Product	Cycle planning, inception, KPI guidance, A/B testing, cross-functional team setup.
Scalability	Language & framework standardization, documentation, establishing best practices.
Tooling	Library design, application & infrastructure templating.
APIs	GraphQL, schema stitching, client documentation, <i>OpenAPI</i> .
Cloud	IaC (AWS CDK, Cloudformation), Serverless, Streams, Containers, Databases, FinOps, DevOps, OpenTracing, Datadog, Sentry, OpsGenie, ELK.
CI/CD	GitHub actions, <i>Jenkins</i> , <i>Travis</i> .
Analytics	Data processing & scalability, data infrastructure, BI tooling.
Languages	TypeScript, <i>Scala Play</i> , Python, <i>PHP</i> , <i>Bash</i>
Frameworks	<i>React</i> , <i>React Native</i> , <i>NodeJS</i> , Jest, Cypress.js, Sangria GraphQL
Streams	<i>Kafka</i> , <i>Avro (talk)</i> , <i>Akka Kafka Streams</i> , <i>ReactiveX</i> .
Server	<i>Nginx</i> , Apache, Varnish, Ansible, AWS CloudFront.

Higher Education

- 2004-2010 **Physics Ph.D**, *UIUC*, Urbana-Champaign, USA, *GPA: 3.92*.
 - Specialization in theoretical Condensed Matter Physics
 - Thesis: "Many body topics in condensed matter physics"
 - The classical hydrodynamics of the Calogero–Sutherland model**
 - Mass flows and angular momentum density for $p_x + ip_y$ paired fermions...**
- 1998-2004 **Physics Bachelor**, *Instituto Balseiro / UNLP*, Argentina.

Languages

- English Fluent (C2 level)
- Others German (Intermediate), Spanish (Native Speaker)

81245 Munich – Germany

📞 +49 1605553687 • ✉️ inaki@inakianduaga.com • in inakianduaga