

AHMAD ALHOUR

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SUMMARY

Polyglot, polymath and a curious tinkerer in many digital crafts. I like authoring software, building programmable interfaces and helping my team crush a mission! .

WORK EXPERIENCE

Aug 2020 – Present **Engineering Manager**
AutoScout24
Munich, Germany

- Managing and leading a team of 9 total engineers across several countries.
- Increased team capacity from 3 engineers to 9 in under 6 months while delivering on OKRs across the organization.
- Currently, migrating AS24's Identity infrastructure to the cloud with AWS and Okta on a \$5mil budget, affecting a user base of 10 million active users.

Oct 2019 – Aug 2020 **Tech Lead, Data Engineering & Analytics**
KI labs
Munich, Germany

- Leading a team of 12 data generalists across planning, architecture and delivery.
- Worked on kaos, a platform for simplifying ML deployments (<https://ki-labs.com/kaos>).
- Technical advisor for all big data projects within KI labs, such as: Data strategy; Stream-processing among many others.

Jan 2019 – Sep 2019 **Tech Lead, Data Platform**
TrustYou
Munich, Germany

- Worked on the Reviews Pipelines, processing 5 million new user-reviews weekly.
- Increased team's productivity by 40% by adopting Kanban practices and Lean KPIs.
- Led a team of 4 data engineers through project planning, design and delivery.
- Full-stack involvement using Python, Luigi, Hadoop, Spark, Hive, HBase and PostgreSQL.

Jan 2016 – Dec 2018 **Tech Lead, Connect Platform**
TrustYou
Munich, Germany

- Worked on Connect, a SaaS platform for integrating hotel partners with TrustYou.
- Redesigned the near-real-time hotel reservations processing system from scratch which enabled building partnership with big OTAs (Booking, TripAdvisor, Protel) on scale.
- Led a team of 5 engineers across software specification, architecture and delivery.
- Full-stack involvement using Python, Aiohttp, PostgreSQL, Docker and Tsuru/Kubernetes.

Dec 2012 – Dec 2015 **Software Engineer**
CCC
Athens, Greece

- Wrote an invoicing app for global telecoms which led to optimizing budget by 20%.
- Designed RESTful APIs for in-house legacy web services which enabled moving into a modern .NET tech-stack.
- Full-stack involvement using C#, .NET, SQL Server, JS, HTML and CSS.

Feb 2008 – Nov 2012 **Several software engineering roles**
D1G Corp, CommunitiesTech, Freelance
Amman, Jordan

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EDUCATION

Jan 2020 – Mar 2020 **Data Engineering with GCP Specialization**
Coursera (Google Cloud Training)
Online

Sep 2007 – Jun 2011 **B.Sc. in Computer Science**
Princess Sumaya University for Technology
Amman, Jordan

- Participated in the global IEEEExtreme programming competition (9th place).

SKILLS

Programming languages, commercial experience

- Python (4 years)
- C# (3 years)
- PHP (2 years)
- Ruby (1.5 years)
- JavaScript (8 years)

Programming languages, basic familiarity

- Go
- Scheme
- Kotlin
- Java
- C/C++

Other computer languages

- SQL (well)
- HTML (well)
- CSS (well)
- Regular Expressions (basic)

Frameworks

- Apache Spark (well)
- Aiohttp / Flask (good)
- RubyOnRails (basic)

Data Stores

- PostgreSQL (good)
- Hive/HBase (well)
- Kafka (well)
- Google BigQuery (well)
- Google Bigtable (basic)
- MongoDB (basic)

Areas of expertise

- Web Apps
- Data Engineering
- Hadoop Ecosystem

SIDE PROJECTS

Web Development

- Cookiecutter template for developing async Web APIs in Python 3 with SQLAlchemy's ORM: <https://git.io/JvcPB>

Educational

- Portable C# library of 35+ Data Structures and 30+ Algorithms: <https://git.io/JvnHS>
- COOL Language compiler, targeting the MIPS 32-bit architecture: <https://git.io/pycoolc>
- 16-bit machine code assembler for the Hack Assembly language: <https://git.io/JvnHQ>
- Various other open source projects and utilities: <https://github.com/aalhour>