

ARMIN JAZI

Senior Engineering Manager

+4915254911323 armin.gjazi@gmail.com

linkedin.com/in/armingjazi

radical-thinking.com

https://website-armingjazis-projects.vercel.app/

Düsseldorf



EXPERIENCE

Solution & Data, Program Manager

01/2024 - Present

Open Reply

Bremen-Remote

Leading **digital consulting** firm that specializes in scaling solutions for top-tier clients across industries. With a focus **data engineering**, **connected platforms**, and **analytics**.

- Consulting major a retail client (OBI) in scaling and modernizing their **data warehouses**, **MLOps modernizing** and **migrating Excel-based** workflows to multiple SaaS vendors
- Participated in initiatives to create **data governance** for OBI
- Improved client **data insights** by developing a survey analytics platform for **PORSCHE**
- Consulting **Daimler Trucks** on **Power BI Data Analytics** and Visualizations
- Created internal tools for **Staff Management** using **Azure Fabric** to reduce inefficiencies and create transparent structures
- Managing a business unit of 21 **full-stack developers** and **account managers** for multiple clients focusing on **Data Platforms and IoT** - from OBI Energy Tracking smart home devices to Warehouse Management.

Web Applications, Engineering Manager

01/2022 - 12/2023

Open Reply

Bremen-Remote

Leading Teams focusing on **modern web applications** and **connected platforms**.

- Directly managed and mentored 3 Account Managers handling prestigious enterprise accounts (PORSCHE, OBI, HENKEL, Daimler), providing strategic guidance and leadership to drive **account growth and team performance**
- Successfully led the development and launch of the new loyalty platform (heyOBI) for OBI on the web incorporating a **micro frontend architecture**, resulting in a 20% increase in online sales within the first quarter after launch.
- Created systems based on **microservice** and **CQRS architecture** with data consistency patterns (Optimistic UI patterns)
- Design and development of **Webdocker** as a micro frontend framework delivering on demand, now available as a permissive **open-source** asset
- Providing guidance, support, and mentorship to **40 software engineers**, **UX/UI consultants** and **product owners** across 3 projects, resulting in improved performance and growth

Chief Technology Officer

07/2020 - 12/2021

SCALARA SaaS

Cologne

Innovative, compliance-driven **SaaS** tailored for the property managers. Automating complex property operations enables **streamline workflows**

- Launched a successful campaign as part of the founder team, securing **seed funding** and scaling the organization to 14 operationally active experts in two agile teams
- Collaborated in **business analysis** of property management, accounting, and marketplace
- Organised multiple workshops on **application life-cycle** management
- Coordinated the development team and product owner around toolsets such as **Story Mapping**, **Magic Estimations**, **Backlog Grooming**, and **Sprint Plannings**
- Designed and developed the Cloud-Infrastructure based on **AWS cloud services** from the initial launch to servicing multiple enterprise clients, implementing robust **multi-tenant architecture** and **automated CI/CI**
- Developed **hiring plans** for teams and clients to ensure effective product teams

SUMMARY

Engineering Manager with 9+ years of experience leading distributed teams and scaling SaaS platforms. Proven track record of managing engineering managers and delivering enterprise solutions across multiple industries. Skilled in building scalable cloud infrastructures, mentoring cross-functional teams, and driving digital transformation initiatives that generate measurable business impact.

SKILLS

Languages & Frameworks

Javascript	Proficient
TypeScript	Proficient
Python	Intermediate
Go	Learning
Java	Rusty
C++	Rusty

SQL • REST • GraphQL • React •
Vue.js • Node.js • Nest.js

Tools & Infrastructure

Git • AWS • Azure • K8s •
Terraform • CI/CD • DevOps •
JIRA

Data & Analytics

Data Warehousing • ETL/ELT Pipelines
• Data Visualization • Data Modeling

LANGUAGES

English	Proficient
German	Proficient
Farsi	Native
Spanish	Intermediate

Software Engineer

RISE SaaS

01/2019 - 06/2020

Cologne

A **SaaS platform** that bridges the gap between remote and on-site support for industrial services. Designed to empower technical experts, RISE offers advanced **remote assistance solutions** that enhance service, reduce operational costs, and improve customer satisfaction.

- Coordinated the development team and product owner around modern **agile tool sets**, increasing team velocity by 10%
- Maintained and modernized RISE Remote Support software stack with a **test-driven approach**
- Designed and deployed self-hosted scalable **CI and CD pipelines** in a **Kubernetes** cluster
- Implemented multiple **React Native plugins** for **Android** and **iOS**
- Established **automated testing paradigms** and **built-in quality** mindset
- Designed and deployed self-hosted scalable modular CI and CD pipelines based on **GitHub actions**, assessing multiple scenarios (Canary release and Blue-green)

Lead Software Engineer

Dear Reality

01/2015 - 01/2019

Dusseldorf

Leader in **immersive audio**, providing advanced **spatial audio solutions** that create realistic 3D soundscapes for sound engineers, broadcasters, and musicians in VR/AR.

- Designed and implemented a **VR mixing console**, Spatial Connect, enabling intuitive gesture-controlled positioning and automation of audio tracks in a virtual 3D space
- Led the complete overhaul of **dearVR core engine** with a strong focus on performance optimization based on Google benchmarks
- Educated the team on **agile practices** and **Extreme Programming** paradigm, emphasizing continuous integration, frequent deliveries, and close collaboration between developers and stakeholders³⁹
- Coordinated with product owners on business-value-oriented development strategies, aligning with the company's focus on creating high-quality immersive audio experiences

Research Assistant

01/2012 - 01/2015

Chair of Fluid Dynamics, University of Siegen

Siegen

Under Prof. Holger Foysi, this research role involved creating **high-performance computational tools** to model complex **fluid-structure interactions**.

- Designed and implemented a **massively parallel computation engine** for simulating Fluid-Structure interactions
- Implemented a **Finite Element Method FEM solver** using dealii framework (C++) for simulation of structural deformations, crucial for analyzing complex geometries and materials in biological and engineering applications
- Designed and implemented a **Lattice-Boltzmann solver** to simulate viscous fluid flows, providing numerical stability and easy treatment of fluid-solid interfaces
- Consulted multiple master students during their studies, contributing to the educational mission of the department

Research Assistant

01/2010 - 01/2011

Institute of Heat and Mass Transfer, RWTH Aachen

Aachen

Under Dr. Georg F. Dietze, conducted high-precision **numerical simulations** and **experimental validations** of free-surface flows.

- Carried out numerical simulation of free-surface flows based on the **Volume-Of-Fluid (VOF) technique**, enabling accurate modeling of complex fluid interfaces
- Conducted successful thickness measurement of free-surface flows using **laser-induced fluorescence**, providing non-intrusive, high-resolution data on thin liquid films
- Successfully validated experimental results with numerical simulations, ensuring the accuracy and reliability of the developed models for free-surface flow dynamics using OpenFOAM (C++)

CERTIFICATIONS

Deep Learning Specialization

DeepLearning.AI - Coursera

Natural Language Processing

DeepLearning.AI - Coursera

EDUCATION

M.Sc.

01/2012

Energy Eng. RWTH

Aachen, Germany

Thesis First- and second-order adjoint-based optimal control of a plane jet

B.Sc.

01/2009

Mechanical Eng. Amirkabir University Tehran, Iran

Thesis Simulation of Heat convection and conduction of electrical transformer boxes.

INTERESTS

- Quantum Physics
- Organisation Theory
- Human Physiology
- Music Production
- Machine Learning