

Mohammad-Ali A'râbi

Developer Advocate / Docker Captain / Author

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Summary

Developer advocate, Docker Captain, and author of Docker and Kubernetes Security, a DevOps Dozen Best DevOps Book of the Year finalist. Builds developer communities, mentors engineers, and teaches container and software supply-chain security through hands-on workshops, international conference talks, and technical writing. Blog posts have reached half a million readers. Brings over ten years of backend engineering experience with Node.js, TypeScript, Java, and Python.

Awards

Best DevOps Book of the Year - Finalist

DevOps Dozen

Docker and Kubernetes Security.

Docker Community Leader Award

Docker / 2022

Selected as the best Docker Community Leader of 2022.

Most Innovative Project

JobRad GmbH

Awarded at the first JobRad hackathon.

Selected Publications

Docker and Kubernetes Security

Okterakt Verlag / 2025

Author. Container security from software supply chain to runtime.

Community & Leadership

Chapter Organizer | CNCF

2025 - Present

LFX Mentor | Linux Foundation

2025 - Present

Docker Captain | Docker

2023-03 - Present

Community recognition; conference speaking and contributions to Docker blogs and documentation.

Docker Community Leader | Docker

2022 - Present

Organizes local meetups in Freiburg.

Snyk Ambassador | Snyk

2022 - Present

Selected Speaking

Dockerize Java Securely: SBOMs + Attestations + Cosign

BaselOne 2026 / 2026-10-15

Beyond SBOMs: The Future of Container Supply Chain Security

WeAreDevelopers World Congress / 2026-07-10

Defense Against the Dark Arts: NPM Attack

enterJS 2026 / 2026-06-16

Beyond SBOMs: The Future of Container Supply Chain Security

DevOpsDays Zurich 2026 / 2026-05-06

Dockerize Securely: SBOMs + Attestations + Bake

Jfokus / 2026-02-03

Bake a Docker Cake

PlatformCon 2025 / 2025-06-27

How to Create New RxJS Operators

DevFest Nuremberg / 2024-11-09

Node.js CI/CD Pipelines with GitHub

AppDevCon / 2023-05-12

For the full list of talks, visit ContainerSecurity.dev/talks.

Skills

Developer advocacy and leadership

Mentorship, Public speaking, Workshops, Documentation, Community building

Container and supply-chain security

Docker, Kubernetes, DevSecOps, Software supply-chain security, SBOMs, Attestations

Backend engineering

Node.js, TypeScript, Python, Java, PostgreSQL, MongoDB, MySQL, Next.js, Odoo, C, C++

Architecture and delivery

Microservices, AWS, Git, GitHub Actions, GitLab CI, Helm, CI/CD, Code quality

Professional Experience

Senior Software Engineer | JobRad GmbH

2024-10 - Present | Freiburg, Germany

- Conducted an internal workshop and mentored senior engineers.
- Driving architectural modernization and designing new microservices.

Senior Software Engineer | Haufe Akademie

2024-03 - 2024-07 | Freiburg, Germany

- Implemented a Next.js application with frontend and backend components.

Senior Backend Engineer | Jodel

2022-07 - 2024-02 | Berlin, Germany

- Conducted 30+ cultural and technical interviews as a member of the Engineering Hiring Committee.
- Developed Node.js backend features using TypeScript.

Senior Software Engineer | AppTec GmbH

2019-08 - 2022-07 | Freiburg, Germany

- Started a new project with a TypeScript/Node.js backend and Angular frontend.

Java Software Engineer | Picnic Supermarkets

2018-07 - 2019-07 | Amsterdam, Netherlands

- Contributed to the cross-product platform in Java 8 and 11; reviewed pull requests and applicant code assignments.

Research Assistant / HiWi | University of Freiburg, Programming Languages Lab

2017-02 - 2018-07 | Freiburg, Germany

- Used Coq to prove properties of programming languages.

Backend Developer | CafeBazaar

2015-08 - 2016-09 | Tehran, Iran

- Developed HR tools, negotiated with ATS companies, and organized hackathons, tech talks, and classes.

Research Colleague / Java Developer / Big Data Analyst | Mobin IT Research Center

2013-09 - 2015-09 | Tehran, Iran

Freelance Software Developer | Idea Creation House

2012 - 2015

Education

Master of Science, Computer Science

University of Freiburg | 2016-10 - 2021-06

Master's studies (discontinued), Mathematics

Sharif University of Technology | 2013-09 - 2016-03

Bachelor of Science, Mathematics

Shahid Beheshti University | 2009-09 - 2013-09