CONTACT

Düsseldorf, Germany

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bassemamous.com

linkedin.com/in/bassem-amous

German citizen

SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Vue, React Native, HTML, CSS

Backend: Node.js, Java, Spring Boot, REST, GraphQL

Data: MongoDB, PostgreSQL, Redis

Tools: Git, Docker, Jenkins, Jira

Testing: Jest, React Testing Library, Playwright, Cypress

LANGUAGES

Arabic, French: native

English: fluent

German: B2

EDUCATION

M.Sc. Computer Software Engineering
ESPRIT School of Engineering, 2015 – 2018

B.Sc. Computer Science
University of Sciences, 2012 – 2015

SOFT SKILLS

Mentoring: coached an apprentice to his final exam; mentored junior developers

Teaching: React workshop for my team; public talks on philosophy and leadership

Leadership: led AIESEC exchange programs for the UN goals, organised 3 large conferences

Attitude: positive, solution-oriented

AWARD

IoT for Children coding challenge, 2017

BASSEM AMOUS

Staff Software Engineer

bassemamous.com

ABOUT ME

I don't just join teams. I raise the bar.

I own outcomes, not tickets: from an unclear problem to a product running in production. Software engineer since 2018, in JavaScript and lately Java. I get things done, with a positive attitude. I co-founded L'Adresse, a guest app now live at a Paris hotel, and built the AI agent workflow behind it. What I bring to a team: I turn repetitive work like reviews, tests and releases into automated workflows, with clear rules and human approval.

EXPERIENCE

Staff Software Engineer 06/2025 – present
Sedo GmbH · Düsseldorf

- Moved the public domain pages from Vue to React. I wrote most of the code and made sure nothing broke for buyers.
- Built the first version of the new buyer area in React.
- Worked on security reviews, with AI agents helping to find weak spots.
- Coached an apprentice up to his final exam. Gave a React performance workshop.

Co-founder 04/2026 – present
L'Adresse · Paris / Düsseldorf

- An app for hotel guests: the hotel's services, the concierge and room service on their phone, in 13 languages. Live at a Paris hotel. Stack: React, Next.js, Node.js, MongoDB.

Personal project 11/2026 – present
App for a law firm · not released yet

- An app that helps a law firm's clients prepare their case. Backend in Java 21 and Spring Boot, with PostgreSQL, Docker and 700+ tests, built with AI coding agents.

Software Engineer 06/2019 – 05/2025
SMS group · Düsseldorf

- Built a planning web app for steel plants with React, Next.js and Node.js.
- Mentored junior developers and helped the team write better tests.

Software Engineer 12/2018 – 05/2019
Incedo Services · Stuttgart

- Worked on an HR platform with Node.js and Vue.js.

Internship 01/2018 – 11/2018
Vorwärts GmbH · Köln

- Worked on an advertising platform for Amazon sellers with Node.js and React.

AI AGENT ENGINEERING

- Designed the agent setup behind L'Adresse: a lead agent hands tasks to helper agents, each in its own git worktree, on the model that fits the task.
- Built 20+ agent skills: playbooks for deploys, security audits and bug hunts.
- Wrote guard hooks that block a push without passing tests and a security review, stop leaked secrets at commit, and lock production until I approve.
- Read-only reviewer agents check risky changes before they ship. About 5,000 commits since April 2026 went through this setup.