

Mahdi Maddahpour

Frontend Developer · Angular & TypeScript · Python / AWS

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PROFILE

Frontend developer with around seven years of experience in Angular, based in Stuttgart. For the past two years I have worked on hotel guest-journey software at straiv, before that remotely for teams in Australia and the UAE. Most of my work is on systems people use all day at their job — hotel front desks, kiosks, fleet and insurance management. Recent focus: NX monorepo architecture, production observability, and Python/FastAPI services on AWS.

PROFESSIONAL EXPERIENCE

straiv GmbH, Stuttgart — Frontend Developer (Angular) 2024 – present

SaaS platform for the digital hotel guest journey — online check-in, self-service kiosks, mobile door opening — used by 3,400+ hotels.

- Built the guest-facing check-in and kiosk applications, covering document capture, payment, keycard issuing and mobile room access, so guests complete check-in without queueing at reception.
- Migrated a large Angular codebase into an NX monorepo and extracted the kiosk application into its own buildable app, which shortened build and CI times and let the kiosk ship independently of the main product.
- Built Python and FastAPI services on AWS alongside the frontend work, so features ship end to end rather than stopping at the API boundary.
- Set up the platform's observability layer from scratch: Datadog for logs and RUM, a dedicated logging API, and client-side throttling to keep log volume and cost under control. Production problems that once reached us via hotel staff are now caught from alerts.
- Reworked form validation across the check-in and booking flows, added session locking so unattended front-desk tablets cannot be used by guests, and cleared blocking errors in the payment step.

Yaama Tech, Sydney — Angular Developer, remote Jul 2021 – 2024

- Built new features end to end: integrated REST endpoints and turned design files into responsive, accessible UI.
- Upgraded several client applications across major Angular versions, including the breaking changes in build tooling and dependencies.
- Introduced shared ESLint configurations and review standards that the team reused across projects, and traced memory leaks and performance problems in long-running screens.

JointScope Technologies, Dubai — Angular Developer, remote Aug 2020 – Jul 2021

- **Insurance Management System (Dubai Police):** maintained the legacy application, then rebuilt it against a new API and a revised set of requirements, and delivered the features that came with the redesign.
- **Fleet Management System:** set up the project architecture, built a shared design system, and implemented state management with NgRx along with i18n and lazy-loaded modules.

Amoot Soft, Mashhad — Frontend Developer, full-time Nov 2019 – Jul 2020

- Turned UI/UX designs into HTML and SCSS templates for the development team, and built Amoot Clients Hub, a central support portal for company clients, in Angular.

EDUCATION

University of Applied Science and Technology, Mashhad — B.Sc. Software Engineering Feb 2011 – Feb 2013

TECHNICAL SKILLS

Core Angular (v8 to current), TypeScript, JavaScript (ES6+), RxJS, NgRx, HTML5, SCSS/CSS

Architecture & tooling NX monorepos, standalone components, lazy loading, PWA, Angular CLI, Git, Azure DevOps, CI pipelines

Backend & cloud Python, FastAPI, PHP, Laravel, MySQL, AWS, REST API design

UI libraries Angular Material, Angular CDK, PrimeNG

Testing & observability Jest, TDD, ESLint, Datadog (logs and RUM), custom logging APIs, log throttling

Integrations REST APIs, third-party vendor APIs, payment flows, i18n

Ways of working Agile/Scrum, code review, international teams with English as the working language

LANGUAGES & WORK AUTHORISATION

Languages Persian — native | English — C1 | German — B1

Work authorisation Valid German work permit — no visa sponsorship required.