

Ahmad **Atallah**

Last Updated on 21st September 2026
Tübingen, Germany

Senior Fullstack / Product Engineer | TypeScript, React, React Native, Node.js

Tübingen, Germany | me@atallahsan.cc | +49 176 63606296 | LinkedIn | GitHub | atallahsan.cc

Summary

Senior engineer leading almost all frontend work at Getsafe for two years, owning features from design to release across web and mobile: 50+ insurance buying flows for 500K+ customers. Works across infrastructure, security and developer experience with agentic workflows on Claude Code. Hired or mentored 8+ engineers; earlier squad lead of 6 at Swvl and fullstack engineer at Aeditive.

Skills

AI: Claude Code, Agentic workflows, Temporal, MCP Servers, Vercel AI SDK, Mastra, LangChain

Programming: TypeScript, JavaScript, Node.js, Rust, Python

Client Libraries: React, React Native, Vue

Frameworks: Next.js, Expo, Express, Remix, Electron

Build/task Runners: Turborepo, Webpack, Rollup, Metro

VCS & CI/CD: Git, GitHub Actions, CircleCI, EAS

Content Management: Sanity, Contentful

Styling: CSS, Tailwind CSS, Styled Components, Emotion

Design Systems: Storybook, Chromatic, Radix UI, shadcn/ui

Animation: Rive, Reanimated, Motion

Testing: Jest, React Testing Library, Cypress, Maestro, React Native Harness, Vitest, Knip, Fallow

Utilities: Zod, i18next, React Hook Form, fp-ts

State Machines: Redux Toolkit, XState

Querying & APIs: REST, GraphQL, tRPC, React Query, SSE

Database: SQL, Supabase, Instant

Infrastructure: AWS, Docker, Terraform, Web application security, Distributed systems

Observability: Datadog, Sentry, Mixpanel

Experience

Senior Software Engineer (Insurance), Getsafe

Apr 2023 – Present | Remote, Germany

- Lead almost all frontend work company-wide for two years: own complete features from initial design to implementation, review code quality and set technical direction.
- Develop and maintain cross-platform buying flows (50+ insurance flows, 500K+ customers): premium and quote recalculation, discount offers, payment, and a TypeScript and Supabase BFF layer.
- Led the team in reviewing and delivering monorepo migrations that unified the design system and infrastructure, making new flows and products easy to launch.
- Run a fully automated mobile release process: published 76 releases (37 app versions, iOS and Android); OTA JavaScript updates reach all customers in about 5 minutes with no crash regressions.
- Build developer-experience tooling on agentic orchestrators: Claude Code review workflows, multi-agent migrations (Expo SDK 55 to 57), Temporal release workflows, a skill marketplace and E2E testing agents.
- Identified and owned security incidents end to end, from discovery to containment and remediation of OWASP-class issues (SSRF, IDOR); run React Native Harness system tests and drive E2E practices.

Senior Software Engineer (Fullstack, Construction Tech), Aeditive GmbH (Discontinued)

Mar 2022 – Apr 2023 | Hamburg, Germany

- Bootstrapped and developed a new SaaS backoffice platform for robotic concrete 3D printing of precast elements: TypeScript for frontend and simulation, Rust backend.
- Worked in a multidisciplinary team of 7 to 15 spanning mechanical, solutions and robotics engineering.
- Designed and built a UI component library that works in sync with 3D rendering.

Senior Software Engineer I (Ride Sharing), Swvl Business (NASDAQ: SWVL)

Jul 2021 – Mar 2022 | Cairo, Egypt

- Led a squad of 6 on the SaaS transformation of ride sharing, supporting expansion to Kenya, Pakistan and the UAE; 156 active TaaS and SaaS clients by Q3 2021.
- Delivered end-to-end route planning, pricing and dashboard products for the SaaS transport offering, on a platform handling about 98,000 bookings a day (9.0M in Q3 2021).
- Led the B2B front-end development team, maintained the web design system, and guided and onboarded new team members.

Software Engineer II (Ride Sharing), Swvl (NASDAQ: SWVL)

Dec 2018 – Jun 2021 | Cairo, Egypt

- Developed the operations dashboard with map visualizations and the customer-facing website of a platform that grew to 1.4M+ riders and 46M+ booked rides across 10 cities in 6 countries.
- Initiated and released the business dashboards (TypeScript, React, Redux, Webpack) for a corporate offering used by 100+ organizations by mid-2021.
- Built and published a design system component package on npm using TypeScript, React, Rollup and Theme UI; shipped on release trains.

Software Engineer (Pharmacy), Qobra

Dec 2019 – Aug 2020 | Remote | Part-time

- Started the core product desktop app with Electron; streamlined the boilerplate with multi-tab support and shared state.
- One-off product sold to multiple pharmacies; discontinued because of the regulation such a product requires in Egypt.

Software Engineer (Healthcare), Millensys

Feb 2018 – Dec 2018 | Alexandria, Egypt

- Worked on a web and desktop DICOM viewer and reporting tool at a healthcare IT vendor whose PACS and RIS solutions serve 4,400+ healthcare professionals and 49M+ patients.
- Took part in migrating all imaging applications from desktop to web, rendering 2D and 3D medical images in the browser with WebGL and GLSL shaders (OpenGL, canvas).

Projects

Hashcards App, Owner and Product Engineer

Sep 2025 – Present

- Develop a free spaced repetition flashcard app, 16 versioned releases so far, with around 800 users (35% registered), shaped by real user feedback.
- Built FSRS scheduling, Instant real-time sync, AI card generation and RevenueCat purchases on a Cloudflare Workers edge API: 99.9% request success, 12 ms median CPU time, 65 edge locations.
- Fully orchestrated and developed through agentic AI: Claude Code multi-agent workflows plan, build, review and audit the code, with adversarial review agents and 995 tests added.

Education

Bachelor of Systems and Biomedical Engineering, Cairo University

2012 – 2017 | Cairo, Egypt

Thesis: GPU-Based Visualization Application for 2-Projection 2D-3D Image Registration in Radiation Oncology.

Certifications & Awards

- Front-End Nanodegree, Udacity (2018)
- Functional Programming Principles in Scala, Coursera (2019)
- 1st place, International Student Conference project award, IEEE EMBS (2014): project Derma
- 3rd place, project award, RDI Egypt Competition (2016): automatic MCQ exam correction system

Languages

English (Fluent), Arabic (Native), German (Basic)