

Cem Karakurt

Senior Full Stack Engineer

Berlin, Germany · ickarakurt@gmail.com · cemkarakurt.com
github.com/ickarakurt · linkedin.com/in/ickarakurt

SUMMARY

Senior Full Stack Engineer with 6+ years building scalable web applications using **React.js**, **Node.js**, **Ruby on Rails**, and **AWS**. Strong experience across the full stack, from database design and cloud infrastructure to frontend development and testing. Proficient in leveraging AI tools to accelerate development and solve complex problems efficiently.

SKILLS

Languages & Frameworks: TypeScript, Node.js (Express.js), React.js, Ruby on Rails, PHP, Next.js

Databases: DynamoDB, PostgreSQL, MySQL, Couchbase, Redis

Cloud & DevOps: AWS (Lambda, Kinesis, S3, API Gateway), Terraform, Docker, NGINX, CI/CD pipelines

Frontend Technologies: React.js, Redux, Tailwind CSS, shadcn/ui, Storybook, WebRTC

Testing: Playwright, Jest, React Testing Library

Development Practices: Agile (Scrum, Kanban), Microservices, Microfrontends, Monorepos, RBAC

Communication: English (fluent), Turkish (native), German (learning)

EXPERIENCE

Babbel GmbH

Berlin, Germany

Senior Full Stack Engineer (*Promoted April 2024*)

March 2022 — June 2025

- Built Full Stack features for the live-lesson platform (AWS Lambda, Step Functions, React.js), provisioning required infrastructure via Terraform.
- Led the SmartCat localization discovery (shared company-wide) and documented the department's **Microfrontend** architecture.
- Improved the Microfrontend deployment system to support multi-version rendering on a single page, enabling independent branch deployments.
- Reduced frontend bundle size by 40% by optimizing third-party dependencies to enable efficient tree-shaking.
- Led technical discovery for E2E frameworks (Playwright vs. Cypress) and implemented initial test suites for booking and subscription flows.
- Ran agile ceremonies (standups, refinements), handled production on-call support, and focused on continuous refactoring and dependency updates.

Tech Stack: Node.js, TypeScript, React.js, Redux Toolkit, AWS (Lambda, EventBridge, DynamoDB), Terraform, Playwright, Storybook, Microfrontends, Vite

11Sight LLC

Remote

Software Engineer

August 2020 — December 2021

- Implemented a centralized SSO provider using **Doorkeeper** to sync authentication across multiple products, enabling a unified login experience.
- Built a reporting system for group meetings by creating custom **Prosody** modules that integrated Jitsi events with Ruby on Rails APIs and dashboards.
- Created a feature-management system for organizations to toggle platform services (e.g., recording, transcription) through the main dashboard and Jitsi UI.
- Managed **AWS EC2 Auto Scaling** for recording services and handled deployments and server maintenance for Jitsi-based products.
- Developed RESTful APIs and background jobs with **Sidekiq**, maintaining test coverage and automated Swagger documentation via **RSpec**.

Tech Stack: Ruby on Rails, React.js, PostgreSQL, Jitsi, WebRTC, Prosody (XMPP), OAuth 2.0, Redis, Sidekiq, WebSocket, NGINX, AWS EC2, RSpec

Countly

Izmir, Turkey

Software Engineer

December 2019 — June 2020

- Built demo SPAs (React.js) and a mobile app (Swift) showcasing analytics features like session tracking, funnels, and user segmentation.
- Provided technical support to enterprise customers integrating Countly SDK into their applications.

Tech Stack: Node.js, Next.js, i18Next, Tailwind CSS, Swift

Gatemarine

Software Engineer

Izmir, Turkey

May 2019 — November 2019

- Built real-time tracking platform for Raspberry Pi sensor network with local and centralized dashboards.
- Used Couchbase replication to maintain data consistency between edge devices and central server.
- Developed an internal inventory management tool using CodeIgniter (PHP) and Bootstrap.
- Managed Linux servers, configured NGINX, and handled deployment pipelines.

Tech Stack: Node.js, Couchbase, React.js, Redux, NGINX, WebSocket, PHP, MySQL

CERTIFICATIONS

- AWS Certified Developer – Associate (Amazon Web Services, Issued: April 02, 2024)

EDUCATION

Bachelor of Science in Computer Engineering, Izmir Institute of Technology

2016 — 2021

Associate of Science in Business Management, Anadolu University

2018 — 2020