

Tobi Kareem

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PROFESSIONAL SUMMARY

Staff Software Engineer with 12+ years building and shipping full-stack products end to end - ASP.NET Core / .NET 8 and Go backends behind React + TypeScript front ends. Proven at scale: 50K+ daily events on Kafka, multi-region Cosmos DB, 99.95% uptime, and P0 MTTR cut from 45 to 12 minutes. Deep in distributed systems, OAuth2/OIDC identity platforms, and production LLM integration.

CORE COMPETENCIES

.NET / ASP.NET Core Full-Stack (React + TypeScript) Distributed Systems Event-Driven (Kafka) API & Identity Platforms

Cloud (Azure / AWS / GCP) Production Reliability / SLOs LLM Integration

WORK EXPERIENCE

Intuit

Sep 2024 - Present

Staff Software Engineer - Partner Platform

San Francisco Bay Area

- Designed and own the partner integration API layer processing **8,000+ daily partner transactions** at **99.95% uptime**
- Built partner-facing admin and analytics dashboards in **React + TypeScript** with a **Node.js** BFF layer over the .NET APIs
- Built core services on **.NET 8** and **Go** with circuit breakers, retry policies, and idempotency guarantees across all integration surfaces
- Integrated LLM capabilities (OpenAI API, Claude API) into partner workflows; built evaluation harnesses and observability pipelines to measure AI quality in production
- Implemented **OAuth2/JWT** authentication and authorization for all external partner APIs; extending to AI agent auth patterns
- Lead a team of 4 engineers; define technical standards, run architecture reviews, and own the incident response runbook

ICE (Intercontinental Exchange)

Aug 2023 - Sep 2024

Staff Software Engineer - Mortgage Transaction Platform

Bay Area

- Designed and maintained a multi-region **Azure Cosmos DB** layer serving **15,000+ daily partner requests** with strict ACID guarantees
- Architected cross-region replication with consistency-level tuning to meet both latency SLAs and correctness requirements
- Built **React + TypeScript** monitoring dashboards and internal tooling surfacing real-time anomaly detection and audit data to partner-operations teams
- Built the partner API surface (**.NET** and **Java/Spring Boot**) with OAuth2, rate limiting, and structured audit logging for regulatory compliance
- Led incident response and post-mortems; reduced P0 MTTR from **45 min to 12 min** through SLO design and runbook automation

Tesla

Nov 2018 - Aug 2023

Senior / Staff Software Engineer - Manufacturing & Identity Platforms

Fremont, CA

- Built **Tesla WARP**, the internal OAuth2 + Identity Server platform unifying access for **3,000+ internal users**, **500+ external partners**, and **10+ applications** (OIDC, SAML2, token lifecycle, RBAC)
- Built the WARP identity admin console and partner self-service portal in **React + TypeScript** on a **Node.js** API layer
- Led the event-driven **MRP** platform on Apache Kafka (**.NET** and **Java/Spring Boot**) processing **50,000+ daily events** across **4 global facilities**
- Delivered real-time inventory visibility through **React + TypeScript** operations dashboards across Fremont, Shanghai, Berlin, and Austin

Advantasure (formerly Tessellate)

Sep 2018 - Nov 2018

Software Developer

Glen Allen, VA

- Built and maintained healthcare information system components following **SOLID** design principles
- Championed **Test-Driven Development** across the team - mocking, unit testing, and integration testing with Postman collections (.NET, ASP.NET Web Forms, Angular)

Black Knight

Jan 2017 - Aug 2017

Software Developer

Jacksonville, FL

- Built a cross-platform mobile app for an Educational Loan Financial Management System using **Xamarin.Forms**, expanding accessibility for borrowers
- Maintained UAT/STG environments and deployment pipelines with **Jenkins**; partnered with business owners and SMEs (.NET Framework, ASP.NET MVC, WCF, REST, Angular, SQL)

Aviat Networks

Jan 2015 - Dec 2015

Technical Support Engineer

Lagos, Nigeria

- Delivered onsite and remote troubleshooting for enterprise communication links serving banks and 300+ clients; installed and configured telecom networks and completed Tellabs 7100 packet-optical transport training

Aptech Computer Education

May 2013 - Sep 2013

Intern

Oyo, Nigeria

- Built an Examination Expert System (final-year project) and website prototypes with HTML, CSS, and JavaScript (.NET Framework, Bootstrap)

EDUCATION

M.Sc, Computer Science / Computer Engineering - Hofstra University

May 2018

B.Sc (Honors), Computer Science (Technology) - Babcock University

June 2014

CERTIFICATIONS & TRAINING

Microsoft Exam 483: Programming in C#

Microsoft

2019

Employability Skills Certification

PSENSE

2014

Private Pilot License

SKILLS

Languages: C#/.NET 8/Core, TypeScript/JavaScript, Python, Go, Java, Swift, Objective-C

Frontend / Full-Stack: React, TypeScript, Node.js, Angular, HTML/CSS, REST & GraphQL APIs

Backend: .NET 8 / ASP.NET Core / MVC, Spring Boot, Node.js/Express, Go, WCF

AI/ML: OpenAI API, Anthropic API, RAG pipelines, eval harnesses, agentic workflows **Identity:** OAuth2, OIDC, SAML2, Identity Server, JWT, RBAC

Distributed Systems: Apache Kafka, Azure Service Bus, circuit breakers, saga, event-driven

Data: Azure Cosmos DB (multi-region), PostgreSQL, SQL Server, Redis **Cloud & Infra:** Azure, AWS, GCP, Kubernetes, Docker, Terraform, Helm

Practices: TDD, unit/integration testing, CI/CD (Jenkins), SOLID, OpenTelemetry, SLO/SLA design