









RIFAT ERDEM SAHIN


FULL STACK SOFTWARE ENGINEER | END-TO-END WEB APPLICATION SPECIALIST

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 -  **Portfolio:** <https://rifaterdemsahin.com>
 -  **Schedule a Call:** <https://calendly.com/rifaterdem/schedule>
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PROFESSIONAL SUMMARY

Senior Full Stack Software Engineer specializing in **building scalable, user-centric web applications from concept to deployment**. Deep expertise in modern JavaScript frameworks (React, Next.js, Node.js) and cloud-native architectures. Proven track record in delivering high-performance platforms, optimizing developer experience, and mentoring cross-functional teams. Expert in TDD, CI/CD, and serverless technologies.

CORE COMPETENCIES

-  **Frontend Development** - React, Next.js, TypeScript, Tailwind CSS - State Management (Redux, Zustand, Context API) - Web Performance (Core Web Vitals, SSR, ISR) - Accessibility (WCAG 2.1) & Responsive Design
 -  **Backend & Cloud** - Node.js, Express, NestJS, Python - Database Design (PostgreSQL, MongoDB, Supabase) - Cloud Infrastructure (AWS Lambda, Vercel, Docker) - GraphQL & REST API design and integration
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KEY ACCOMPLISHMENTS

2024 | SaaS Start-up | London

Collaborative Project Management Tool - Challenge: Build a real-time collaboration platform capable of handling thousands of concurrent users. - **Solution:** Architected a full-stack application using Next.js and WebSockets (Socket.io). Implemented conflict resolution algorithms (CRDTs) for concurrent editing. - **Impact:** - Successfully scaled to 50k+ daily active users. - Reduced initial load time by 60% using server-side rendering and edge caching. - Secured Series A funding based on product traction. - **Technologies:** Next.js, TypeScript, PostgreSQL, Redis, WebSockets

2023 | E-commerce Giant | Remote

Checkout Experience Optimization - Challenge: Reduce cart abandonment rates and improve conversion on the checkout flow. - **Solution:** Redesigned and rewrote the legacy checkout application using a micro-frontend architecture with React and Node.js. - **Impact:** - Increased conversion rate by 18%, generating additional £2M annual revenue. - Improved page load speed by 40%. - Enabled independent deployment cycles for the checkout team.

PROFESSIONAL EXPERIENCE HIGHLIGHTS

Senior Full Stack Software Engineer / AI Solutions Architect | January 2025 - Present
IBM | London, UK

- Architecting hybrid cloud transformation using IBM Cloud and Red Hat OpenShift for Fortune 500 enterprises
- Implementing watsonx AI solutions for intelligent automation, reducing operational overhead by 35%
- Leading DevSecOps transformation with Ansible Automation Platform and Terraform IaC across multi-cloud environments
- Delivering zero-downtime Kubernetes cluster migrations for mission-critical financial and government workloads
- Building enterprise CI/CD pipelines with GitHub Actions and Jenkins serving 500+ developers globally

Senior Full Stack Software Engineer / Technical Lead | 2020 - 2025 *Goldman Sachs, Ypsomed, Cushman & Wakefield*

- Led full stack software engineer initiatives across finance, healthcare, and real estate sectors
- Designed and implemented solutions supporting millions of daily transactions
- Established best practices and automated frameworks
- Mentored engineering teams on modern technologies and practices
- Delivered solutions achieving 300% improvement in operational efficiency

Full Stack Software Engineer | 2016 - 2020 *Microsoft, Emerson, Various Fortune 500*





- Built enterprise solutions for digital transformation initiatives
- Led cross-functional teams designing scalable applications
- Established frameworks and implementation strategies
- Evangelized modern technologies through technical leadership

EDUCATION

 **Bachelor of Science**

Southern New Hampshire University, USA  | 2013



CERTIFICATIONS & CONTINUOUS LEARNING

-  **Microsoft Certified Solutions Architect Expert**
-  **AWS Certified Solutions Architect Professional**
-  **Azure Solutions Architect Expert**
-  **Certified Kubernetes Administrator (CKA)**

Continuous Learning:




- Active contributor to open-source projects - Regular participant in technical communities - Following latest developments in technology - Experimenting with emerging tools and practices

SECURITY CLEARANCES


-  **UK SC (Security Check)** - Valid until 2028
 -  **NATO Clearance** - Valid until 2029
 - ✓ **Background Checks:** Watchdog (2024), Sterling (2019)
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AVAILABILITY & CONTACT

Immediate Availability for full stack software engineer roles

-  **Schedule a Discussion:** <https://calendly.com/rifaterdem/schedule>
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 -  **Phone:** +44 7848 024173
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SUPPORTING DOCUMENTS

-  **Technical Portfolio & Presentations:**
<https://rifaterdemsahin.com/wp-content/uploads/2025/02/rifaterdemsahinprofilepresentation.v2025.2.pdf>
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References and detailed project portfolios available upon request