

# Derya Kendirci

## Software Engineer

Fully Authorized to Work • No Visa Sponsorship Required • Open to Relocation • [LinkedIn](#) • [GitHub](#)

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### PROFESSIONAL SUMMARY

Full-stack-minded Software Engineer with 6+ years of experience in fintech, architecting secure, scalable backend systems using .NET, C#, and SQL. Delivered enterprise-grade transaction platforms, regulatory automation tools, and interbank service integrations. Currently contributing to AgentDock, an open-source AI automation platform for developers. Actively enhancing front-end and full-stack capabilities with React.js, TypeScript, and Node.js. Proficient in Python, FastAPI, and modern DevOps pipelines leveraging Docker and Azure.

### KEY SKILLS

- **Programming Languages & Frameworks**

C#, Python, JavaScript (ES6+), TypeScript, React.js, Node.js, FastAPI, WPF, XAML

- **Databases & Data Technologies**

MS SQL Server, Oracle SQL, MySQL, MongoDB, PL/SQL, NoSQL, Data Modeling, Query Optimization

- **Architecture & DevOps**

Microservices Architecture, RESTful API Design, Event-Driven Systems, Docker, Azure DevOps, Jenkins, GitHub Actions, CI/CD Pipelines

- **Tools & Platforms**

Git, GitHub, Docker, Vercel, Cursor, TFS, Postman, SOAP UI, MVC, MVVM, LINQ, IIS, WCF

- **Soft Skills & Methodologies**

Analytical Thinking, Problem Solving, Agile (Scrum, Kanban), Cross-functional Collaboration, Clear Documentation, Attention to Detail, Growth Mindset, Ownership, Continuous Improvement

### PROFESSIONAL EXPERIENCE

#### Open Source Contributor

01/2025 - Present

**AgentDock** | California

*Contributing to AgentDock, an open-source AI platform for building and managing configurable AI agents and complex workflows.*

- Developed backend modules using **Python** and **FastAPI**, supporting modular agent orchestration and OpenAI/LangChain API integration.
- Improved architecture using event-driven patterns and containerization with **Docker** and **GitHub Actions**.
- Engaged in code reviews, issue triage, & **roadmap discussions within a distributed team** to drive collaborative development efforts

#### Career Transition & Upskilling

01/2024 - Present

*Relocated to the U.S. and focused on refreshing core software engineering skills while upskilling in modern web and AI technologies.*

- Gained hands-on experience with **React.js**, **TypeScript**, **Node.js**, and **FastAPI**.
- Utilized Cursor for **AI-assisted development** & deployed projects through Vercel
- Contributing actively to open-source by **spearheading the AgentDock project**

#### Senior Software Engineer

03/2021 - 12/2023

**Kuveyt Turk Participation Bank & Architect Information Systems** | Istanbul, Turkiye

- Redesigned & integrated the MoneyGram international money transfer service, enhancing **secure & real-time transactions** within the banking platform

- Built modular banking platforms with **.NET (C#)**, **WPF**, and **React.js**, integrating transfers, and onboarding features.
- Architected **high-performance REST APIs** with API gateways for interbank systems & archives
- Optimized SQL/NoSQL databases (MS SQL, MongoDB), reducing query latency by 30%.
- Automated CI/CD with **Azure DevOps** and Docker, cutting release times in half.
- Led Agile sprints, delivering secure and testable software on schedule.

## Software Engineer

08/2017 - 03/2021

**VAKIFBANK** | Istanbul, Turkiye

- Engineered backend financial modules in .NET (C#) & Oracle SQL, **fueling enterprise-scale transaction processing exceeding 100K ops/day with high fault tolerance**
- Delivered MT940-compliant **SOAP-based integration** layers to synchronize bank statements and account summaries across national and global institutions.
- Automated regulatory reporting and document pipelines using **Python-based job schedulers**, cutting compliance processing time by 60%.
- Validated service endpoints through Jenkins-integrated CI jobs and Postman test suites, decreasing release-stage API bugs by 35%.

## Microsoft Student Partner

10/2015 - 12/2018

**Microsoft** | Istanbul, Turkiye

- Promoted Microsoft technologies on campus by organizing hands-on workshops in **Azure**, cloud services, and development tools, helping students build real-world technical skills.

## EDUCATION

### Certificate Program in Software Development and Programming

01/2024 - Present

**UC Berkeley Extension** | California

- Data Structures & Algorithms
- Advanced Databases

### Bachelors of Applied Science in Computer Technology and Information Systems

09/2013 - 06/2017

**Trakya University**, | Edirne, Turkiye

*Graduated with a GPA of 3.41, ranking 3rd in the department*

## Certifications & Ongoing Learning

*Coursera*

- **IBM Full Stack JavaScript Developer Professional Certificate** – Coursera (*In Progress*)
- **Packt: MERN Stack – Front to Back (React, Redux, Node.js)** – Packt Learning (*In Progress*)
- **Generative AI for Software Developers** – Coursera (*In Progress*)
- **Data Structures and Algorithms Specialization** – UC San Diego, Coursera (*In Progress*)
- **Meta React Specialization** – Coursera (*In Progress*)
- **IBM DevOps and Software Engineering Professional Certificate** – Coursera (*In Progress*)

## ADDITIONAL WORK EXPERIENCE

### Board Member,Event Coordination Team

10/2024 - 10/2025

**Turkish American Religious Foundation** | CA

- Enhanced the organization's internal web application for effective management of event announcements & **volunteer coordination**