

# Sinan Talha KOŞAR

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🐙 [github.com/sinantalhakosar](https://github.com/sinantalhakosar)

🔗 [stkdev.com](https://stkdev.com)

## Education

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**B.S. in Computer Engineering** Middle East Technical University, Ankara, Turkey

Sept 2015 - July 2020

## Experience

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**Sr. Software Engineer**, Bayzat, Dubai, UAE

Dec 2023 – Present

- Initiated **automated workflow feature**, unmatched by competitors, increased sales conversion rate by **5%**.
- Implemented **Azure login, impersonation, and multiple sign-ins in 3 weeks**, achieving:
  - \* Expanded customer base by **10%**, **boosting revenue**.
  - \* **Reduced bug analysis time by 30%**, improving customer satisfaction.
- Designed a test coverage merging, extraction, and reporting system, **achieving 10% early detection**.

**Software Engineer**, Bayzat, Dubai, UAE

Feb 2021 – Dec 2023

- Led a team of 5 engineers in a **Series C company** for technology migration.
- Migrated **all 6 modules of payroll** from EmberJS to ReactJS in a **living platform**:
  - \* A **90% decrease in feature-related bug tickets** within 10 months.
  - \* Performance and scalability improvements resulted better customer satisfaction and **increased platform stability**.

**Software Engineer**, Neurocess, Ankara, Turkey

Sept 2019 – Feb 2021

- Joined the startup (**in Seed round**) as a **founding engineer**.
- Created SPA, **real-time data transfer (web-sockets)**, **visualization (ChartJS)** with ReactJS class-based components.
- Designed **real-time data storage and transfer architecture** from IoT devices to client application.
- Designed **synchronization system** between closed-circuit system and **cloud servers (AWS)**.
- Won **Startup Estonia Special Award** in Startup Istanbul 2019 and attended Startup Estonia in Tallinn.

**Part-time Software Engineer**, NETAŞ, Ankara, Turkey

Aug 2018 – June 2019

- Focused on the development of CRUD pages as a full-stack developer for the Customs Information System project using **Java Spring Boot, PrimeFaces, Docker and PostgreSQL on micro-service architecture**.

**Software Engineer Intern**, OBSS, Istanbul, Turkey

June 2018 – Aug 2018

- Completed the Core Java Spring and ReactJS training given by engineers in the company (Certified).

**Software Engineer Intern**, CaniasERP, Karlsruhe, Germany

June 2017 – Sept 2017

- Developed a keyword searching system in Python that returns topic indexes in the company documentation.

## Projects

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**AI-powered chat interface**, Vercel AI SDK, NextJS

- Multiple AI providers supported chat interface with dynamic and interactive conversations
- [github.com/sinantalhakosar/ai-chat](https://github.com/sinantalhakosar/ai-chat) [ai-chat-interface-sinan.vercel.app](https://ai-chat-interface-sinan.vercel.app)

**AI Tic Tac Toe game**, GPT-based, EmberJS

- Web based two player or play against AI tic-tac-toe game.
- [github.com/sinantalhakosar/ember-tic-tac-toe](https://github.com/sinantalhakosar/ember-tic-tac-toe) [playonline-tictactoe.netlify.app/](https://playonline-tictactoe.netlify.app/)

**Appointment Intent Identifier**, GPT-based, Express server

- GPT-based appointment intent identifier from user prompts with specific date/time or not.
- [github.com/sinantalhakosar/appointment-gpt](https://github.com/sinantalhakosar/appointment-gpt)

**Open source contributions**

- 2 PRs to supabase repo (70k stars)

## Technical Skills

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**Languages:** JavaScript, TypeScript, Python, SQL

**Tech:** ReactJS, EmberJS, NextJS, Tailwind, NodeJS, ExpressJS, Git, Github Actions, Cypress, Docker, AWS (Cloud Services)