

Name: Yusuf Yılmaz

Nationality: Turkey

Address: Barcelona, Spain

Phone: +34639464069

Contact info: yilmazyu@gmail.com

Github Url : github.com/yusufyilmz

Linkedin Url: <https://www.linkedin.com/in/yusuf-yilmaz-01543752/>



Summary

Highly experienced **Senior Software Engineer** with over **12 years** in the industry, specializing in **React, Next.js, Redux, Node.js, TypeScript, JavaScript, CSS, and .NET**. Proven expertise in building **scalable and high-performance web applications** with a track record of success in **telecommunications, information technology, and software engineering**. Adept at leading teams, mentoring junior developers, and driving complex projects from concept to completion. Strong foundation in both **frontend and backend development**, along with experience in **DevOps, cloud platforms (AWS), and containerization (Docker, Kubernetes)**.

Work History

Toptal – Senior Fullstack Engineer

October 2021 – Present | 3 years 1 month

- Developed the **TAG / Assets Generator** using **Next.js** and **React** to automate interviews and create success stories via **Dify.AI**, generating personalized success stories with an interface for modifying, fixing, and publishing stories.
- Built tools for **Google Ads management**, including **positive/negative keyword generation, asset reviews, and dynamic content management**.
- Migrated **10-20 legacy websites** (e.g., JavaScript Minifier, CSS Minifier, Hastebin) to **Next.js**, improving performance and responsiveness and design.
- Created a centralized Slack service service to manage message requests from different web apps.

Technologies: Next.js, React, JavaScript, TypeScript, Kafka.js, Node.js, Cypress, PostgreSQL, Docker, Kubernetes, Elastic Search, Jenkins, GitHub Actions, Google Ads API, Monorepo, BigQuery, BullMQ, Dify.AI, Slack API, AVSC, Google Cloud, Prisma, Redis..

Scopely – Senior Software Engineer

October 2020 – September 2021 | 1 year

- Migrated legacy web products to **React** and developed **CLI tools** for media providers.
- Development for frontend and backend for Web automation tool that is used by game engineers to create mobile device tests on amazon device farm and see results and reports according to these tests.

- Development for Unity part of the project.

Technologies: React, Redux, Redux Saga, Hooks, Javascript, Typescript, .NET Core, Unity, Github, Cypress, webpack, Jenkins, GitHub actions, Unity, Kanban, PostgreSQL, Html, Css, Jest Cypress, Es6/Es5 Modules, Testing Library, Storybook, AWS, AWS S3, Docker, Amazon Device Farm, Elastic Search, Kubernetes

Marfeel – Senior Full Stack Developer

October 2019 – September 2020 | 1 year

- Converted existing web products to **React** and created **CLI tools** for media providers.
- Developed automatic, generated **Playgrounds for providers**.
- Implemented **Server-Side Rendering (SSR)** for React components.

Technologies: React, Redux, Hooks, Node.js, TypeScript, Server-Side Rendering, Rollup, Webpack, GitHub Actions, Java, MongoDB, AWS.

Turkcell Global Bilgi – Senior Software Engineer

April 2015 – October 2019 | 4 years 7 months | Istanbul, Turkey

- Led the development of **WebChat, Chat Gateway, Bot Info, Integration service, Chat and Phonex Configuration Manager, Transaction Manager, Opera, Phonex**, IWS and other customer service tools for Turkcell, handling over **600,000 daily interactions**.
- Converted **WebChat** to **React** and **Redux** within two weeks, significantly improving scalability.
- Designed and implemented a **multichannel chat gateway**, integrating over **20 clients** into a unified architecture.
- Mentoring Junior team members
- Teaching and leading for chat platform to team members and infrastructure teams.

Technologies: React, Redux, JavaScript, Node.js, .NET Core, C#, MVC, REST, SOAP, MSSQL, MongoDB, WebSockets, Unity Framework, AIML, Enzyme, Mocha, Jest.

SESTEK – Software Engineer

November 2012 – April 2015 | 2 years 6 months | Istanbul, Turkey

- Developed core components for **text-to-speech (TTS)** and **speech recognition (SR)** systems.
- Designed and implemented web services using **C++, C#, WCF**, and built mobile applications with **Swift** and **Objective-C**.

Technologies: C++, C#, JavaScript, Objective-C, Swift, MSSQL, Jenkins, Ruby.

Freelance Projects

Project/Product: Designed and built application order management, shopping application as freelancer and Web Based Resume Upload System, Web Based Pet Hospital System, Reader Writer Multi Process Application, a social website project for artifacts, a server client online backgammon game, an ios space shooter mobile game

Technologies: REACT, REDUX, NODE.JS, .NET, JAVA, JAVASCRIPT, HTML, CSS, PYTHON, SWIFT, OBJECTIVE-C, ANGULAR, ENZYME, MOCHA, JEST, GITHUB

Skills

- **Front End Development skills:** Javascript, Typescript, React, Redux, Redux Saga, Context Api, Webpack, Gulp, HTML/HTML5, CSS, React Native, Ajax
- **Backend Development skills:** C#, Node.js, Express.js, .NET Core, .NET (Web Api, WinForms, WebForms, Linq, MVC, WCF, WPF), Python, Java, Entity Framework., Genesys Framework, Unity Framework, PostSharp, Ninject, NSubstitute, Bot Framework, Play Framework, NHibernate, Objective-c, Swift.
- **Test Development skills:** Mocha, Enzyme, Jest, Sinon, Chai, React Test renderer, NUnit, Cypress, Testing library
- **Platform and Tools:** Github, TFS, Jenkins, Visual Studio, Visual Studio Code, Dockers, Spinnaker, AWS, AWS S3, AWS Lambda, AWS S3
- **Database Development skills:** MySql, MSSQL, Postgresql, MongoDB, Oracle
- **Web service development skills:** REST, SOA, SOA

Education

- Bogazici University, Master of Science, Department of Computer Engineering, Software Engineering (3.25 GPA 2013-2016)
- Istanbul Technical University, Bachelor of Science, Electrical and Electronics Faculty, Control Engineering Department Degree: (3.20 GPA 2007 - 2012)
- Buyuksehir Huseyin Yildiz Anatolian High School

Languages

- English (fluent)
- Spanish(intermediate)
- Turkish (native)

Certificates, courses & qualification

- AWS Certificate Course : Online Certificated 09.2021 (6 Hours)
- Dockers: From Zero to Everything: Online Certificated 09.2021 (24 Hours)
- Github Actions: Online Certificated 09.2021 (24 Hours)
- AWS Certificate Course : Online Certificated 09.2021 (6 Hours)
- Advanced React Patterns : Online Certificated 08.2018 (24 Hours)
- Modern React with Redux Education : Online Certificated 03.2017 (36 Hours)
- Advanced React and Redux Education : Online Certificated 01.2018 (16 Hours)
- The Complete React Native with Redux Education : Online Certificated 03.2017 (20 Hours)

- Building HTML5, JS and React Applications: Turkcell 03.2017 (30 Hours)
- Agile Development and Kanban : Turkcell Global Bilgi 06.2017 (50 Hours)
- .Net Core, React, Typescript, Node.js Educations : Turkcell Global Bilgi 02.2017 (40 Hours)
- C++ Educations : SESTEK 01.12.2012 - 01.12.2013 (30 Hours)
- Design Pattern and Code Smell Educations: SESTEK 2014 (20 Hours) · LINQ educations: SESTEK 2014 (10 Hours)
- SoMachine Program : Schneider Electric 11.01.2012 - 13.01.2012 (8 Hours) Learned Schneider Electric Software Program
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Skills

- **Frontend Development:** React, Next.js, TypeScript, JavaScript (ES6/ES5), Redux, Hooks, HTML5, CSS3, React Native, Tailwind CSS
- **Backend Development:** Node.js, Express.js, .NET Core, REST APIs, MSSQL, PostgreSQL, MongoDB
- **DevOps & Cloud:** Docker, Kubernetes, AWS (Lambda, S3), CI/CD (GitHub Actions, Jenkins)
- **Testing & QA:** Jest, Mocha, Cypress, Enzyme, Jasmine, Nunit, Playwright
- **Version Control:** Git, GitHub, GitLab
- **Project Management:** Agile (Scrum, Kanban), Jira, Trello
- **Data Visualization:** D3.js, Chart.js
- **Performance Optimization:** Client-side caching, server-side rendering (SSR), load balancing, API optimization
- **Languages:** Turkish (Native), English (Full Professional), Spanish (Limited Working)

References

Nazmi Soner Özçoban, Senior Solution Architect at Turkcell Global Bilgi

Contact: nazmisoner.ozcoban@globalbilgi.com.tr; skypeID