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**Portfolio**: <https://yusufdevhub.vercel.app/>



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## Summary

Highly experienced **Senior Software Engineer** with over **12 years** in the industry, specializing in **React, Next.js, Redux, Node.js, TypeScript, JavaScript, CSS, TailwindCSS, .NET.** and **SQL languages like PostgreSQL, MSSQL and MySQL.** 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, CI/CD, cloud platforms (AWS, Google Cloud), Google Ads, BigQuery** and **containerization (Docker, Kubernetes).**

## Experiences

### Toptal – Senior Fullstack Engineer

October 2021 – October 2024 | 3 years

- Developed the **Assets Generator** using **Next.js** to automate interviews and create success stories via **AI**, generating personalized success stories with an interface for modifying, fixing, and publishing stories.
- Created 8 tools for automating **Google Ads management**, including **positive/negative keyword generation, asset reviews, and dynamic content management** from scratch by getting parts in all phases, Planning, Design, Development, Testing, Deployment.
- Migrated around **10** legacy websites (e.g., JavaScript Minifier, Html shell, Hastebin, css3maker) to Next.js, improving performance and responsiveness and design.
- Created centralized Slack service for handling Slack messages across multiple applications. This system streamlined communication processes by managing message requests in one place, improving efficiency and reducing complexity for users interacting with multiple platforms
- Created an ETL composer to save **BigQuery** Google ads data into usable data for the SEM alerts system.

**Technologies:** Next.js, React, TypeScript, JavaScript, Kafkajs, Node.js, REST, Playwright, PostgreSQL, Testing Library, Docker, Kubernetes, Elastic Search, Jenkins, GitHub Actions, Monorepo, Google Ads, Google Cloud, BigQuery, BullMQ, Dify.AI, Slack API, ETL, AVSC, Prisma, Redis, Kanban, Scrum

### Scopely – Senior Software Engineer

**October 2020 – September 2021 | 1 year**

- 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.
- Converted the tool to micro frontend architecture.

**Technologies:** React, Redux, Redux Saga, Hooks, Javascript, Typescript, .NET Core, REST, 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, Scrum

### 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, REST.

## Freelance Projects

### Devhub Showcase

- A portfolio web application built using Next.js 15, React, Typescript, Prisma, PostgreSQL, Material UI, and Tailwind CSS. It includes public project showcases, a CV page, and an interactive AI chat app.
- AI chat app is written with NLP classification and openai api.
- **Technologies:** Next.js, React, Typescript, Prisma, PostgreSQL, Material UI, and Tailwind CSS, openai, NLP, AI
- Github Link: <https://github.com/yusufyilmz/devhub-showcase>
- **Link:** <https://yusufdevhub.vercel.app/>

### Others:

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 Skills:** Javascript, .Next.js, Typescript, React.js, Redux, Redux Saga, Context Api, Webpack, Gulp, HTML5, CSS, React Native, Tailwind CSS
- **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, Bot Framework, Objective-c, Swift, CHATGPT, Dify.AI, Google Ads, Kafka.js
- **Test Development skills:** Playright, Testing library, Jest, Mocha, Enzyme, Cypress, Happo., Sinon, Chai, React Test renderer, NUnit,
- **Platform and Tools:** Github, TFS, Jenkins, Visual Studio, Visual Studio Code, Dockers, Spinnaker, AWS, AWS S3, AWS Lambda, AWS S3, Google Ads
- **Database Development skills:** MySql, MSSQL, Postgresql, MongoDB, Oracle, Redis
- **Web service development skills:** REST, SOA, SOAP

## Education

- **Boğaziçi University**  
**Degree:** Master of Science  
**Field of Study:** Software Engineering

**GPA:** 3.25

**Dates:** 2013 - 2016

- **Istanbul Technical University**

**Degree:** Bachelor of Science

**Field of Study:** Control and Computer Engineering

**GPA:** 3.33

**Dates:** 2007 - 2012]

### 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

### Languages

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