

Yusuf Seyrek

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SUMMARY

Blockchain & Full-Stack Developer | 15+ Years Engineering Excellence

Passionate architect of decentralized systems with deep expertise in blockchain protocols, smart contracts, and full-stack dApp development. I combine 15 years of software engineering experience—including designing, developing, and testing software end-to-end—with specialized knowledge in Web3 technologies to build secure, scalable solutions bridging traditional and decentralized finance. A hands-on leader, I've established CI/CD pipelines, led development teams, and taken full ownership of codebases, ensuring robust, maintainable systems that align with long-term vision.

Languages:

-> Proficient: C#, Java, SQL, TypeScript, JavaScript, Python, Objective C, Solidity, Sophia.

-> Limited Experience: C, C++, Go, Rust.

Software Development Methodologies:

-> Agile, Scrum, Rapid Application Development, DevOps, Prototype.

Libraries/Frameworks:

-> React, React Native, Ethers, Next.js, Redux, Wagmi, Tailwind, Hardhat, Chainlink, OpenZeppelin.

Platforms:

-> Web, Linux, iOS, Android, Windows, Docker, Tizen.

Environments:

-> Node.js, Deno, Bun, Github Actions.

Version Control Systems:

-> Git, SVN.

EXPERIENCE

*Seyrek Yazılım, **Senior Software Engineer***

Sep 2020 - Present

I'm a self-employed blockchain engineer and full-stack developer, focused on building innovative decentralized solutions. I work independently, developing my own projects while contributing to open-source ecosystems to push the boundaries of Web3 technology. Additionally, I take on contract roles where I design, build, and deliver high-quality blockchain applications—from smart contracts to user interfaces—helping clients bring their visions to life with secure, scalable, and user-friendly implementations.

*Aeternity Foundation, **Blockchain Software Developer***

Apr 2024 - May 2025

As a Full-Stack Software Developer at Aeternity Foundation, I led the frontend development for a secure cross-chain bridge between Aeternity Mainnet and Ethereum, enabling seamless token transfers and interoperability. Beyond core development, I actively contributed to the ecosystem's open-source initiatives, including designing an automated documentation system that aggregates and syncs GitHub repository content into a unified GitBook, significantly improving developer experience and enabling AI-powered documentation queries. Additionally, I architected and implemented a dedicated bridge solution for Aeternity Hyperchains, facilitating native and fungible token transfers between the mainnet and hyperchains while ensuring security and efficiency.

*Delphi Digital, **Web3 Frontend Engineer***

Apr 2023 - Sep 2023

I contributed to the development of a decentralized lending and borrowing platform within the Cosmos ecosystem. Initially, my focus was on establishing a scalable foundation for the progressive web3 application, collaborating closely with two other developers to ensure seamless integration and performance. Later, I expanded functionality by building additional features on top of the v1 DeFi platform. My work leveraged a tech stack including Next.js, React, TypeScript, CosmWasm, and the Cosmos SDK. Additionally, I supported the company's open-source initiatives by helping develop tools for data analysis, improving transparency around protocol liquidity and reporting.

Swarm, Technical Lead

Nov 2021 - Sep 2022

Led engineering teams in designing and implementing scalable DeFi solutions, including smart contracts for tokenizing real-world assets (RWAs). Drove architectural decisions, ensuring security, performance, and alignment with business objectives. Managed cross-functional collaboration, translating business requirements into technical specifications. Oversaw hiring, mentorship, and rigorous code reviews to maintain high standards. Spearheaded initiatives to enhance platform reliability and expand feature sets in decentralized finance.

Swarm, Full Stack Engineer

Jun 2021 - Sep 2022

Designed and developed new features to extend the functionality of the DeFi platform, enhancing user experience and system capabilities. Collaborated closely with cross-functional teams to improve code quality, optimize application performance, and implement scalable solutions. Contributed to the platform's growth by delivering robust, maintainable code while adhering to best practices in blockchain and decentralized finance technologies.

Pixsy, Senior Frontend Developer

Sep 2020 - Nov 2020

Contributed to the new Pixsy's new Match Viewer project by creating the foundation in the front-end. Covered the topics of; legacy code restraining, global state management, route logic handling, data flow, and component tree creation.

Uberall, Team Lead Frontend Engineering & Squad Captain

Dec 2018 - Aug 2020

After a year at Uberall, I advanced to Frontend Team Lead, overseeing technical design decisions, code quality, and developer mentorship. Later, as the Platform Squad Lead (under the company's Squad model), I spearheaded cross-functional deliveries, people management, and strategic initiatives like OKR alignment. My role focused on driving performance, enforcing best practices, onboarding new developers, and ensuring high-quality, scalable solutions for the location-based marketing platform.

Uberall, Senior Frontend Engineer

Dec 2017 - Aug 2020

During my tenure at Uberall, a Berlin-based SaaS company specializing in location-based marketing solutions, I played a key role in enhancing product features and addressing critical technical challenges. I contributed to improving search engine indexing, elevating code quality, and modernizing the frontend architecture by replacing legacy systems. Working in an on-site, in-house capacity, I collaborated closely with cross-functional teams to drive innovation and optimize performance, ensuring scalable and maintainable solutions for the platform.

Monument, Mobile Development Engineer

Jun 2016 - Dec 2017

Worked as a JavaScript focused Client Application Engineer. Also worked on device API design. Designed from scratch and developed projects on 3 different platform; iOS, Android and Desktop(Windows&MacOSX)

Nomad Commerce, Lead Frontend Developer

May 2014 - Jun 2016

As the first frontend developer and 7th employee at Nomad Commerce, I spearheaded cross-platform mobile app development for industries like banking, social media, gaming, and marketing using Ionic, Cordova, and React Native. My work extended to smartwatch apps, kiosk screens, and credit card machines, contributing to the company's rapid growth. As the team expanded, I took on leadership of the frontend team, guiding developers while collaborating with design and marketing to deliver high-quality, customer-centric solutions. My technical expertise and leadership were instrumental in scaling the team and driving innovative product development.

Marmaraweb, Frontend & Mobile Application Developer

May 2011 - May 2014

During my university studies, I worked part-time at Marmaraweb, a small web agency specializing in SMB websites and portals. Eager to expand my skills, I proactively introduced mobile development to the company, leading its transition into iOS and Android app projects. My ambition and dedication allowed me to gain hands-on experience in frontend development for numerous websites while also taking ownership of mobile app projects. Additionally, I honed my client management abilities, collaborating closely with stakeholders to deliver tailored solutions. This role not only strengthened my technical expertise but also demonstrated my initiative in driving innovation within the team.

Yeni Medya Elektronik Yayıncılık, Web Developer - Intern

Jun 2009 - Jun 2010

During my internship at Yeni Medya, I developed Flash game web portals using ASP.NET. I automated the process of crawling and downloading games from major online sources, then integrated them into the company's portal to expand its game library.

EDUCATION

Bahcesehir University

*Bachelor's degree • **Computer Education and Instructional Technologies** • 2010 - 2015*

While working as a part-time software developer, I completed my Education degree with IT specialization, becoming proficient in software engineering (DSA/OOP), project management, and English academic writing. My interdisciplinary curriculum included psychology and sociology, complementing technical skills with human-centered perspectives, all while maintaining foundational natural science knowledge.

Profilo Anatolian Technical High School

*High School Diploma • **Information Technologies - Database Programming** • 2005 - 2010*

I pursued comprehensive studies in computer hardware, networking, and programming, beginning with foundational coding in C before advancing to C# .NET for console application development. Subsequently, I expanded my expertise into web development using ASP.NET, culminating in the creation of my first professional web project—a portal that integrated web services to enable users to play Flash games online.

SKILLS

React • TypeScript • JavaScript • Smart Contracts • Decentralized Applications (DApps) • React Native • Github Actions • Sophia • Solidity • Node.js