

# JUSTIN JOHNSON

## Senior Full-stack Software Engineer // Technical Lead

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Results-driven Senior Software Engineer with 10 years of systems design experience developing innovative and scalable web, web3, mobile app, digital products and globally distributed platforms. Proven track record of collaborating effectively with cross-functional teams of developers, designers and managers to deliver high-quality products and great user experiences. Strong expertise in all things Front-end, React JS, JavaScript, Node JS, Python, AWS and numerous other modern frameworks, tools and libraries. Committed to continuous learning and staying up-to-date with emerging technologies.

### Senior Software Engineer, OTT @ FOX CORPORATION

Feb 2023 – May 2023

- Mentored junior engineers, conducted code reviews, coded and provided guidance on best practices to improve overall code quality and maintainability. We used React.js, Next.js, Zustand, TypeScript and Tailwind CSS to build a robust component library for isolated component development using Storybook to re-write the legacy OTT apps used in all Fox tvOS, Samsung, Xbox, Vizio, FireTV, Comcast and Roku living room devices.
- Collaborated with cross-functional teams to prioritize and estimate user stories, contributing to the successful delivery of sprint goals.
- Actively participated in agile ceremonies, including daily stand-ups, sprint planning, and retrospective meetings, fostering a culture of transparency and continuous improvement.

### Full-stack Software Engineer @ OLY.AI Inc.

Dec 2022 – March 2023

- Developed a Python-based CMS using Django for efficient user and client management with powerful ETL capabilities. Employed Docker and Docker Compose for scalable deployment of Rasa chatbot applications, including the configuration and deployment of the Rasa Platform action server.
- Implemented logging strategies in Rasa servers to enhance debugging capabilities. Automated key tasks through GitHub Actions, optimizing training runs by leveraging caching techniques.
- Uploaded trained models to Google Cloud Storage using a GCP service account, ensuring secure and efficient model management. Demonstrated proficiency in decoupling build and training processes using Docker, successfully deploying Rasa models as Docker containers for seamless scalability and operational efficiency.

### Senior Technical Lead @ BLOCKCHAIN CREATIVE LABS

May 2022 – Nov 2022

- Developed an internal dashboard and services using React.js, Next.js, Tailwind CSS, Ethereum Web3 libraries and Node.js integrating Polygon and Ethereum blockchains ledgers and transactions within the dashboard, enabling efficient data filtering by months and years and easy downloading of CSV reports.
- Established original architecture, system design, technology stack and deployment pipeline using AWS Lambda (Architect), Terraform and Node.js (Fastify) leveraging Next.js with Tailwind CSS for a robust component library and enhanced documentation using Storybook and TypeScript.
- Collaborated with automation and DevOps teams to streamline deployment processes through Docker configurations and GitHub workflow actions on top of FOX enterprise AWS infrastructure.
- Utilized Python to generate thousands of NFT metadata files for The Masked Singer and maintained NFT web3 apps for WWE, USFL, Dolly Parton, and Krapopolis.

### Senior Software Engineer, Front-end @ FOX CORPORATION

Aug 2019 - May 2022

- I was solely responsible for re-factoring and re-platforming Fox's consumer facing Second Screen Activation app from a legacy PHP/jQuery/SASS app to a modern system using React JS, Next JS, Styled Components on top of AWS infra from start to finish. <https://go.fox.com>. The project contributed to an increase in Fox.com's NPS score to 35 in Oct. 2021, a reduction in negative login/authentication reports, reduced operational costs and accomplished a company OKR.
- As the feature lead on the Fox Now live page EPG redesign project, I played a crucial role in driving the entire process from start to finish. Working closely with product managers, developers, and other stakeholders, I translated complex product requirements into actionable dev tasks and collaborated effectively with the development team to implement the project on time.
- Mentored junior engineers on best practices in modern software design and development, helping to ensure a high level of quality in the features delivered to end users.
- Collaborated with product managers to define and prioritize features for the platform, ensuring alignment with business goals and the needs of end users.
- I was recognized with a Technology Spotlight Award, nominated by peers for exceptional contributions across projects.
- Supported the hiring process by interviewing and screening dozens of software engineering candidates.

### Senior Senior Software Engineer, Front-end @ CLOVERS.AI

Jun 2021 - Dec 2021

- Collaborated with a cross-functional team to develop a feature-rich Zoom application, aligning it with the existing web application.
- Some tools and libs I used was React, TypeScript, Material UI, Redux, React Hook Form, and Okta authentication for seamless integration and a consistent user experience.
- Successfully delivered the Zoom application within the specified deadline, receiving positive feedback from both internal stakeholders and end users.

**Software Engineer @ WARNER BROS.**

Jan 2019 - Jul 2019

- Led the re-platforming, development, and successful launch of www.wizardingworld.com using React, Apollo/GraphQL, Node, and Terraform.
- Utilized AWS infrastructure Lambda, S3, EC2, CloudFormation, Cognito, CloudFront, and DynamoDB to build services for development and production environments designed to scale to support millions of Harry Potter fans and user worldwide.
- Collaborated closely with cross-functional teams of engineers, stakeholders, and product clients in an Agile Scrum environment and conducted daily code reviews to maintain codebase integrity and ensure adherence to best practices.
- Implemented unit tests to ensure code quality, UX/UI performance enhancements, and analytics tracking for actionable insights.

**Front-end Web Developer @ ACTIVISION BLIZZARD**

Jan 2017 - Dec 2018

- Re-platformed and built the new Activision Press Center from scratch into an optimized, responsive single web page resulting in yearly cost reductions of \$200,000 for the company. (press.activision.com) using vanilla JavaScript, HTML and CSS.
- Executed major migration, conversion and restructuring of 15+ forum and blog stylesheet sets from Sass in Lithium into Less in AEM (Adobe Experience Manager) creating improved flexibility and site maintainability.
- Established biweekly Front-end dev meetings where I advocated, trained and introduced team members to modern tools, best practices and workflows leading to increased productivity and better developer experience.

**- React Native Mobile Engineer @ ACTIVISION BLIZZARD**

Feb 2018 - Oct 2018

- Built Call of Duty companion mobile app for iOS and Android which reached 2 million downloads upon launch.
- Directed in planning, architecture and structuring of reusable UI components and API services using React Native, Redux state management, CSS, and various third party JS libs.
- Trained junior devs.

**Front-end Web Developer @ REGENT EQUITY COMPANIES, LLC**

Feb 2016 - Jan 2017

- Enhanced UI/UX of HistoryNet.com, driving a 195% increase in overall engagement and a 383% increase in time spent on the site.
- Implemented an improved site search feature, resulting in increased search volume, deeper searches and reduced exits. Developed and implemented front-end UI designs and functionality using modern technologies and tools.
- Deployed monetization solutions to top-performing pages, leading to a 158% revenue increase overnight and a 108% increase in web ad revenue in one month.
- Assisted in launching and maintaining a new e-commerce platform, resulting in a 305% increase in monthly sales and a 52% conversion rate improvement.
- Utilized a wide range of technologies, including JavaScript, jQuery, HTML5, CSS3, PHP, JSON, AJAX, XML, RequireJS, Vagrant, Grunt, Gulp, Foundation 6, Bootstrap 4, SCSS/Sass, Less, PhpStorm (IDE), WordPress, Magento 2.1, Bitbucket, Git, Amazon Web Services (AWS), and Adobe Suite.

**Front-end Web Developer @ LENMAR ENTERPRISES**

Oct 2015 - Dec 2015

- Transformed graphic design mockups and wireframes into assets for front-end development.
- Implemented mobile-first, responsive, cross-browser, cross-platform compatible interfaces and web pages for the company's new e-commerce website - www.lenmarled.com - and its product line.
- Selected appropriate solutions and developed user-friendly UI/UX features.
- Utilized CSS3 animations and various JavaScript library components to enhance user interactions and functionality.
- Tested and optimized front-end assets, resources, and implementations to ensure maximum speed and performance across major and legacy web browsers, devices, and platforms.
- Worked with HTML5, CSS3, JavaScript, jQuery, PHP, C#, ASP.NET, Adobe Photoshop & Illustrator, Bootstrap CSS Framework, Subversion (SVN), and Visual Studio (IDE).

**Lead Front-end Web Developer @ DREAM WARRIOR GROUP**

July 2013 - Jan 2015

- Collaborated with a cross-functional team to develop websites, applications, and perform website makeovers using a proprietary CMS and ticketing system.
- Managed client interactions, overseeing multiple projects and maintaining site updates for long-term clients.
- Provided IT support, addressed technical issues, and created cross-platform compliant e-newsletters, reaching a wide audience. Utilized HTML5, CSS3, JavaScript, jQuery, PHP, MySQL, cPanel, Foundation & Bootstrap CSS Frameworks, WordPress CMS, Joomla, Magento, Constant Contact, MailChimp, Google Apps, and Google Analytics.