

Keyon Elam

Senior Full Stack Engineer

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Standout Senior Full Stack Engineer with over 8 years of expertise in developing high-impact web applications using Elixir, Node.js, TypeScript, React, Angular, Next.js, and full-stack environments (MEAN, MERN). Demonstrated success in leading projects that boost user engagement and session times, including an interactive learning platform that increased student participation by 28% and a real-time sports betting site that extended session durations by 15 minutes. Adept at building scalable, user-centric solutions, mentoring development teams, and enhancing performance in fast-paced settings. Experienced in Azure DevOps for sprint management, releases, and code tracking.

Work Experience

Elixir, Typescript Senior Full Stack Engineer
Develo | Los Angeles

Aug 2023 - Jul 2024

- Developed and improved an interactive learning platform with React front-end and Elixir-powered back-end (Phoenix framework), increasing student engagement by 28% within six months.
- Designed and managed a scalable subscription-based video service using Angular and Node.js with AWS EC2 and S3, enhancing platform scalability and reliability.
- Mentored two junior developers, providing guidance on coding practices and feature delivery.
- Optimized an educational assessment tool using New Relic, resolving four major system slowdowns to ensure seamless peak-time usage.
- Utilized Azure DevOps for sprint planning, releases, and tracking code changes, streamlining the development process.
- Streamlined development processes within the SDLC, reducing average feature release time by five days.

MEAN, MERN stack Developer
Unriddle | San Francisco

Jun 2022 - Jul 2023

- Contributed to a sports betting platform with the MERN stack, leveraging WebSockets and Redux to achieve a 15-minute increase in session duration.
- Engineered an online marketplace using the MEAN stack with a mobile-first approach, enabling over 1,000 artisans to showcase their work and boosting user sessions by 15,000 within six months.
- Built GraphQL APIs that optimized data retrieval to under 100 ms, enhancing application response time to sub-500 ms and increasing user satisfaction by 30%.
- Integrated graph visualization and chart manipulation in React for data analysis tools, creating interactive and user-friendly dashboards.

React Front End Developer
Eigen | Austin

Oct 2020 - May 2022

- Spearheaded the front-end development of a travel booking and event management platform using React, resulting in a monthly increase of 2,000 active users.
- Integrated GraphQL APIs for real-time data retrieval, cutting page load time to under 1.5 seconds and raising interaction rates by 25%.
- Developed graph visualization and interactive charting features to enhance data representation, aiding users in making more informed decisions.
- Authored comprehensive unit tests with Jest and React Testing Library, maintaining 95% code coverage and ensuring stability for up to 20,000 concurrent users.
- Managed development sprints and code tracking through **Azure DevOps**, ensuring clear timelines and effective task management.

Angular Front End Developer

Miro Health | San Francisco

Nov 2019 - Sep 2020

- Spearheaded the development of a financial dashboard in Angular, improving data processing efficiency and cutting analysis time from 20 to 10 minutes.
- Devised RESTful APIs that enhanced platform responsiveness to sub-500 ms, boosting user engagement.
- Directed and executed unit and integration tests using Jasmine and Karma, achieving 86% code coverage.
- Utilized project management tools similar to **Azure DevOps** for sprint development and progress tracking.

Junior Full Stack Developer

Operait Health | Los Angeles

Jan 2017 - Oct 2019

- Played a key role in the development of a real estate CRM using the MERN stack, enhancing task workflows and reducing task completion time by 15 minutes, which led to a 15% increase in user satisfaction.
- Advanced to the development of a job portal with Laravel, implementing role-based access controls that improved platform security and attracted 3,000 new users in three months.
- Developed an inventory management system using Symfony, enabling faster feature cycles (from 9 to 7 days) and accelerating time to market.

Core Skills

React (with graph visualization and chart manipulation), Angular, Node.js, Express, Elixir, Phoenix, MERN, MEAN, Symfony, Laravel, RESTful APIs, GraphQL, Redux, AWS (EC2, S3), New Relic, Git, Jenkins, JWT, Jest, Jasmine, Karma, Azure DevOps, mentoring, SDLC management, Agile methodologies, CI/CD, UX/UI, Golang, B2B, DevOps, product development, automated testing, flexibility, adaptability, collaboration, web design, and development.

Education

University of the West of England
Bachelor of Science | Computer Science

Apr 2012 - Nov 2016

Certificates

MongoDB Certified Developer Associate
MongoDB University

May 2013

Node.js Application Developer (JSNAD)
OpenJS Foundation

Jul 2015

React Developer Certification
Meta (formerly Facebook)

Jan 2016

Angular Certification
Google

Apr 2017

Certified Elixir Developer
Plataformatec (part of NerdFonts / SourceLevel)

Dec 2021