

# Alfred Fox

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## Senior Full Stack Software Engineer | Engineering Manager

18+ years of experience designing, building, and leading scalable software solutions. Proven ability to manage globally distributed teams, drive product innovation, and mentor engineers. Adaptable, detail-oriented, and deeply passionate about software development and team growth.

### PROFESSIONAL EXPERIENCE

#### Senior Software Engineer - RTA Fleet, Scottsdale, AZ

July 2024 - September 2024

[Tech stack: Vue.js, Node.js, JavaScript, React, TypeScript, Next.js]

- Contributed to the enhancement and maintenance of existing products while supporting the migration from a legacy system to a modern Vue.js-based application.
- Served as a technical lead and mentor, providing guidance and support to junior engineers to foster professional growth and improve team performance.
- Collaborated cross-functionally with engineers of varying seniority to implement new features and maintain product quality, with a strong emphasis on user experience and software reliability.
- Wrote clean, maintainable, and well-documented code with a strong focus on readability, test coverage, and adherence to best practices.
- Refactored legacy components and optimized existing codebases to improve performance, scalability, and maintainability.

#### Software Engineering Manager - Plexus, Scottsdale, AZ

February 2023 - July 2023

[Tech stack: Node, Javascript, React, Typescript, NextJS]

- Managed 3 teams dispersed across the US and South America (Brazil).
- Successfully managed two offshore teams effectively keeping our engineering costs while maintaining a high level of quality and output.
- Assisted the onsite team in prototyping and implementing Storybook and a custom inhouse design system based on Material-UI.
- Supported team growth and productivity through regular 1:1s,

### PROGRAMMING

JavaScript, TypeScript, React, Vue.js, Node.js, Express, Python, Django, PHP, Laravel, Bash, HTML, Tailwind CSS/SASS, PostgreSQL, MySQL, Mongo DB, REST, SOAP, jQuery

### TOOLS & PLATFORMS

SaaS, Agile/Scrum, Jenkins, Git, Atlassian Suite (Bitbucket, Confluence, Jira, self hosted and cloud), Storybook, Webpack, Babel

### ENVIRONMENTS

Linux, UNIX, macOS, Windows

guidance, and mentorship.

- Enhanced agile methodology understanding throughout the teams resulting in increased productivity and a higher output quality deliverables.
- Conducted a steady stream of interviews for both peer Software Engineering Managers and Sr. Software Engineer roles.

## **Sr. Software Engineer – Nextiva, Scottsdale, AZ**

March 2019 - December 2022

[Tech stack: Java, Javascript, React, Typescript, SASS]

- Maintained existing products and services through regular releases (CICD), bug fixes, and new feature development.
- Managed contractors dispersed internationally (North America, Europe, Asia).
- Kicked off initiative to build a new Analytics product for all other existing products and services.
- Integrated module federation into our newly built out applications.
- Developed clean, human readable code with a heavy focus on testing, readability, and established best practices.
- Designed, architected, and implemented new solutions to meet the needs / goals of the business..
- Refactored and improved existing applications.
- Conducted a steady stream of interviews to fill the roles Jr., Mid, and Sr. Software engineers.

## **Software Engineering Manager – Nextiva, Scottsdale, AZ**

February 2017 - March 2019

- Managed in house teams as well as contractors dispersed internationally (North America, Europe, Asia).
- Assisted team members in growing through regular 1:1s and guidance, being quick to resolve any issues and maintaining a healthy, stress free work environment.
- Traveled internationally (Kyiv, Ukraine - twice) to further business initiatives and bring our teams closer together.
- Conducted a steady stream of interviews to fill the roles Jr., Mid, and Sr. Software engineers.

**Team Voice** – *Nextiva's primary offering / business objective*

[Tech stack: Java, Javascript, React, SASS]

- Built out features and maintained existing control panel for customers business phone services, billing, and account management.
- Worked closely with release management to deconstruct our giant monolith application into more serviceable applications based on a microservice architecture. This paved the way for

regular (much smaller) releases resulting in delays, long late night release calls, and minimal rollbacks by eliminating our single points of failure.

- Kicked off initiative to build out an updated, cleaner, and more user friendly means of maintaining user services and accounts (utilizing React).

**Teams Next-UI, Data Migration, Platform Admin** - *Newer products and services*

[Tech stack: Python, Java, Javascript, React, SASS]

- Built out and maintained new Nextiva products centered on internal tools (design system, establishing company wide standards for consistency and best code practices).

## **Software Engineer - Nextiva, Scottsdale, AZ**

October 2010 - February 2017

[Tech stack: PHP, HTML, CSS, React, SASS]

- Maintained *nextiva.com*, *unitedweb.com*, *sitelock.com*, *iboost.com*, *webcoupons.com*, and various other web properties.
- First onsite software engineer (previously outsourced development).
- Functioned as both designer and developer as well as translated given designs into web applications.
- Focused heavily on clean semantic code for maximum Google ranking compatibility.
- Maintained existing organic search engine rankings as well as targeted new organic search terms.
- Assisted in implementing REACT into our tech stack.
- Kicked off several new product initiatives including our Voice Analytics product.

## **PROJECTS**

### **Freelance Software / Web Engineer - AlfredFox.com**

October 2005 - Present

[Tech stack: PHP, Python, Javascript]

Personal Design / Development Portfolio website offering freelance website design and development services. Through high google rankings for organic search traffic and word of mouth. I have been fortunate enough to work with many in reaching their online business goals.