

# Jeff Diers – Software Engineer

New York, NY

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## SUMMARY

Experienced software engineer and application developer passionate about driving digital transformation and creating innovative solutions. Specializing in full stack development, I leverage a diverse skill set and expertise in popular languages, frameworks, and libraries including TypeScript, MongoDB, SQL, GO, React.js, Next.js, jQuery, and Node.js.

## EXPERIENCE

### Jona

10/2023 – present

*Senior Software Engineer – Product Team – New York, NY*

- Member of a core product team at an early-stage, high-paced startup, responsible for developing and maintaining a customer-facing web application powered by AI, helping users understand the complexity of their gut microbiome.
- Develop key revenue generating projects that enhance both the user experience and system performance by developing front end UI components as well as the backend API's.
- Collaborated with designers to establish processes for creating pixel-perfect UI components, ensuring high-quality visual consistency and user experience.
- Developed quality code following modern standards with a focus on maintainability, sustainability, performance, and accessibility using Typescript, React, Node.js, MongoDB, PSQL, Redis, Storybook, Tailwind CSS, Next.js.

### Kin and Carta

01/2022 – 03/2023

*Senior Software Engineer – Platform Team – New York, NY*

- Member of a core digital transformation team specializing in creating platforms that support the acceleration of sustainable, equitable, and innovative business outcomes
- Develop and integrate a full featured AI powered search tool to enhance digital content discovery for a website with 10,000+ pages of digital content resulting in higher quality results and 36% increase of click-through-rate using TypeScript, Next.js, React.js, and Search.io
- Increase website mobile performance by 60% and desktop performance by 40% by implementing static site rendering, a content delivery network (CDN), developing a UI component library, and optimizing images & videos using TypeScript, Next.js, React.js, and Contentstack
- Develop a testable, accessible, and documented UI component library using TypeScript, React.js, SASS, and Storybook

### T-Mobile

10/2018 – 09/2021

*Software Engineer – Video Technology – Denver, CO*

- Member of the Video Technology team that is responsible for developing and operating video streaming services for a dedicated over-the-top (OTT) media streaming service
- Troubleshoot and problem-solve in a Linux environment, successfully resolving complex problems
- Containerize and orchestrate CI/CD pipelines using Docker
- Design and implement a content management system in which the operations team can manage dynamically inserted advertisements in a live video stream using Java, GO, React.js, TypeScript, Redis, and Google Ad Manager
- Support the development and delivery of API's to enable digital video recordings alongside a storage delivery system to manage petabytes of video data using GO, Docker, Redis, PSQL, Node.js, React.js, and TypeScript
- Create highly detailed documentation that includes API documentation, system architecture diagrams, deployment plans, and verbal presentations to stakeholders within the company

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## MotoTV Network

10/2017 – 10/2018

*Software Engineer – Denver, CO*

- Member of a creative, high-paced startup developing video advertising software following the Agile workflow.
- Responsible for developing and maintaining user interface features and API endpoints for a content management system in which our customers use to manage in-store video streams, advertisements, and menu boards.
- Work alongside a talented design team to develop custom video overlays and animations using jQuery and CSS.
- PHP/Laravel, React.js, JavaScript, CoffeeScript, HTML5, CSS3

## SKILLS

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|---|--|--|
| <ul style="list-style-type: none"><li>• JavaScript ES6</li><li>• TypeScript</li><li>• Go</li><li>• CSS3</li><li>• SQL</li><li>• MongoDB</li></ul> | <ul style="list-style-type: none"><li>• React.js</li><li>• Next.js</li><li>• jQuery</li><li>• Redis</li><li>• Node.js</li><li>• Tailwind CSS</li></ul> | <ul style="list-style-type: none"><li>• Linux</li><li>• Jira</li><li>• GitHub</li><li>• AWS</li><li>• Serverless (lambda)</li><li>• Docker</li></ul> |
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## EDUCATION

### Galvanize, Denver, CO

11/2016 – 04/2017

- Intensive web development program.
- Trained on front-end and back-end technologies, to build applications individually and in group formats with an emphasis on Agile workflow.

### University of Colorado, Colorado Springs

2011 – 2013

- Mechanical Engineering