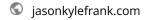
Jason Frank

Front-end software engineer & UI/UX designer

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EXPERIENCE

UI/UX Engineer & designer - Cadre5, Knoxville, TN 2012 - PRESENT

Designed and developed user interfaces primarily for enterprise applications. My role would sometimes be focused on development, other times on design.

- Designed UI's for approving change-requests across all data-types of a project (e.g., scope, schedule, funding, spend plan).
- Designed change-request initiation UI's for several different data-type processes. Designed custom visualizations to help users understand the impact of their changes.
- Implemented side projects to prototype and learn new cloud and frontend technologies. Examples include:
 - "Meow tracker": an Azure-backed app that used a custom Google Assistant action to collect new meows from my cat and then broadcast them to subscribers via SMS.
 - "Meow caller": A peer-to-peer video-calling React app powered by WebRTC.
 - "Jailbreak" game (in-progress): A Next.js multi-person game backed by Firebase authentication, Firestore database, cloud functions, and custom GitHub actions for deployment.
- Implemented pages and library components in **React**. Examples:
 - Created a set of UI controls based on the Material UI (MUI) suite to encapsulate our design language and add control customizations.
 Built a robust set of demo pages that our developers still use.
 - o Built a **React bullet-chart component** to visualize performance
- Helped transform our frontend architecture from a Knockout.js and jQuery-based stack to a React, Redux, and SASS frontend.
- Designed a schedule page UI which included custom Gantt visualizations, milestone breakdowns and multiple "perspective" modes to highlight different aspects of a project, such as tasks which required milestone updates
- Implemented a simple asynchronous UI rendering fix to solve a non-responsive UI caused by a flooded JavaScript event queue.
- Implemented a WPF and C#-based UI for a scientific imaging application which allowed users to scan concealed objects and then construct imaging using tomography.

ABOUT

I love creating experiences that are a joy to use. I turn complex processes into understandable interactions. Visit my website to learn more about me and my experience.

SKILLS

React, Next.js, JavaScript, Node.js, Tailwind CSS, Styled Components, SASS, CSS, HTML. TypeScript (still learning!)

Git, GitHub

C, C++

Firebase, Azure

Figma, Sketch, InVision

EDUCATION

University of Tennessee Masters in Computer Science

2009 - 2011 • Knoxville, TN • **GPA: 4.0**

Pellissippi State Community College

Undergraduate Computer Science coursework

2008 - 2009 • Knoxville, TN • GPA: 4.0

Anderson University Bachelors in Mass Communications

1995 -1999 • Anderson, IN