Frank D'Angelo

Experience

Software Engineer · Apple · June 2024 - Present

Ruby on Rails | PostgreSQL | JavaScript | SCSS

- Contribute to the development and maintenance of a large-scale internal application used by employees to optimize search capabilities across Apple's suite of products.
- Implement back-end features in Ruby on Rails, ensuring robust performance and scalability for mission-critical processes.
- Utilize PostgreSQL to design and optimize database queries, enhancing data retrieval and storage efficiency
- Leverage GoodJob for background processing, optimizing task execution and improving overall application responsiveness.

Senior Software Engineer · Women Who Code · Mar 2023 - June 2024

React | TypeScript | Ruby on Rails | PostgreSQL

- Revamped the back-end by updating to Rails 6 with esBuild, modernizing the architecture and enhancing efficiency, cutting build times by 35%
- Refined the data storage solutions by migrating existing databases to PostgreSQL, enhancing data retrieval speeds and reliability, facilitating complex queries with increased efficiency for our user analytics features
- Reimagined the front-end by implementing entirely new designs, creating new components and a dedicated React front-end repository, breaking away from the old Rails monorepo
- Played a pivotal role in successfully releasing the beta version to production, collaborating closely with cross-functional teams
- Orchestrated CI/CD pipeline and automated Heroku deployments, streamlining the development workflow

Software Engineer · Popmenu · Jan 2022 - June 2023

React | TypeScript | GraphQL | Ruby on Rails | PostgreSQL

- Spearheaded updates to the marketing section of the application, driving an overall 220% increase in the utilization of marketing features
- Optimized back-end operations by integrating Sidekiq for efficient job queuing and background processing, resulting in a 40% reduction in server response times and enhanced scalability for customer-facing features
- Enhanced the marketing analytics features by leveraging PostgreSQL for robust data aggregation and complex query optimization, resulting in more precise targeting insights and a 30% increase in campaign conversion rates
- Innovated social posts suggestions feature with OpenAI integration, offering personalized and AI-driven recommendations, increasing use of social posting via platform by 55%
- Created detailed views for marketing campaigns, displaying performance metrics, including direct and attributable revenue, leveraged from UTMs to provide insightful analysis

Senior Software Developer · Mean Guppy · May 2021 - Jan 2022

React | React Native | TypeScript | Next.js | Node.js | MongoDB

- Led a team of five developers, implementing Scrum/Agile workflow, resulting in a 30% increase in project efficiency
- Built scalable, reusable component systems using React and React Native, with TypeScript to ensure robust typing and enhance code quality, enabling rapid product development
- Streamlined Node.js data services with server-less architecture via AWS Lambda, cutting costs by 20%
- Enhanced analytics tracking by integrating 3rd party tools (Amplitude and Braze), improving data insights by 55%
- Added and maintained testing on data services to cover 97% of the back-end application

Web/Mobile Developer · Computer SOS · Dec 2020 - May 2021

React | JavaScript | PHP | MySQL

- Enhanced front-end by adding React, replacing jQuery, resulting in massive increase in performance
- Optimized large MySQL database queries in PHP, reducing query times by 25%
- Modernized user interfaces by transitioning to HTML/CSS from PHP
- Ensured quality by testing and troubleshooting, reducing errors by 30%

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Skills

Programming Languages

CSS, GraphQL, HTML, JavaScript (ES2015+), PHP, Ruby, Sass, SQL, TypeScript

Libraries & Frameworks

Material UI, MongoDB, Next.js, Node.js, PostgreSQL, React, React Native, Redux, Ruby on Rails, Styled Components, TailwindCSS

Tools & Technologies

Amplitude, Babel, Bootstrap, Braze, Cypress.io, ElasticSearch, Figma, Git, Github, Gitlab, GoodJob, Jest, NPM, OAuth, Rspec, Sentry.io, SendGrid, Sidekiq, Snowflake, Snowplow, Storybook, Twilio, Webpack

Cloud & DevOps

AWS, Docker, GCP, Heroku, Redis, Vercel

Selected Projects

Heart 2 Heart · 🔗

Real-time video dating app built with React, TypeScript, Node.js, Express and MongoDB. Uses Socket.io and WebRTC for audio/video chat and Redis for queueing and caching. Styled with EmotionCSS.

Ziynx · 🔗

Student-athlete focused career platform, with React and React Native frontend applications powered by an API built with Node.js, Express and MongoDB, using a server-less architecture via AWS Lambda. Styled using Styled Components.

Education

Flatiron School · 2020

Full Stack Web Development 800+ hr online program - Ruby on Rails / JavaScript / React

NCCC · 2009

Computer Science - Associates