Jason Bugallon

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EDUCATION

University of California, Irvine — Irvine, CA
Bachelor of Science in Computer Science — GPA: 3.7/4.0 — *Sep. 2016 – Dec 2019*
- **Honors:** Dean's List (8 quarters)
- **Relevant Courses:** Data Structures, Algorithms, Software Testing and Quality Assurance, Operating Systems, Machine Learning, Artificial Intelligence, Databases, Linear Algebra, Security

EXPERIENCE

Full-stack Developer (Contract) — May 2021 - Current
UL - Contract via Randstad — *Fremont, CA*
- Developed new features and fixed bugs on various web apps used internally by UL employees globally using React, Redux, Ant Design, Node, MongoDB
- Rewrote test plan creation pipeline, which lowered the time it takes for a developer to create a new test plan component by 50%
- Utilized React Testing Library and Jest to write integration tests for various React components

Software Developer — March 2021 - May 2021
KoPolo — *San Francisco (Remote), CA*
- In an agile development environment, developed the frontend of the KoPolo platform minimum viable product using Typescript, React, Next, Chakra UI, and React Query
- Collaborated with founders and UI/UX designers to discuss necessary features that should be in our minimum viable product, leading to many extra features being cut, thus greatly reducing development burden
- Coordinated with UI/UX designers to turn figma designs to production ready, responsive web pages with React and Chakra UI
- Utilized code splitting and key features of Next such as server side rendering and static site generation to optimize loading speed and SEO of the web app

PROJECTS

MarkdownV | *Typescript, React, Next.js, SASS, Node, MongoDB, Redux, React Query* — Live | Source
- Designed and developed a markdown note-taking full stack web app, that uses vim as its primary editor, with Next.js on the frontend, Next.js API Routes deployed to Vercel as serverless functions for the backend, and Mongodb for the database
- Supports full user authentication using JWT(JSONWebTokens). Comes with password encryption, forget password functionality, email validation, and third party sign in with Google and Github using OAuth2

Next Movies | *Typescript, React, Next.js, Chakra UI, SWR, Framer Motion* — Live | Source
- Using data from the TMDb api, created an IMDb-like web app with Next.js and ChakraUI where users can browse and search for movies and TV shows
- Utilized static site generation (SSG) to generate all necessary and popular pages on build time, improving load times and SEO compared to generating pages on the client
- Implemented component based code splitting, significantly reducing bundle size of application and improving initial load times

Maverick | *Javascript, React, Node, Express, MongoDB, Socket.io, Material UI* — Live | Source
- Created a full-stack web application allowing Amazon associates to track both inbound and outbound delivery trailers easily, which was adopted by a local Amazon warehouse manager
- As a result of the increase in productivity, the manager's boss put in an order and eventually implemented an in-house version of this project

TECHNICAL SKILLS

Languages/Markup: Go, Typescript, Javascript, Python, HTML, SCSS/CSS, Java, C++, C
Frontend: React, Next.js, Chakra UI, Material UI, Styled Components, Jest, React Testing Library
Backend: REST, Node, Express, MongoDB, Firebase, PostgreSQL, Socket.io
Technologies: Git, Docker, Digital Ocean, Amazon Web Services, Vercel, Netlify, Heroku