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, Software Testing and Quality Assurance, Algorithms, Operating Systems, Machine Learning, Databases, Linear Algebra, Security

EXPERIENCE

Software Developer — March 2021 - Current
MyConciergeAI - KoPolo — *San Francisco, CA*
- In an agile development environment, was assigned and completed tasks that were related to the KoPolo fullstack web app, using React, Material UI, Node, Express, and MongoDB
- Collaborated with UI/UX designers to turn design prototypes from Figma to production ready, responsive web pages with React and Material UI
- Wrote tests with Jest and React Testing library for a previously untested codebase
- Implemented code splitting, which reduced initial bundle size and increased load times of the web app

Undergraduate Lab Tutor — January 2018 - March 2018
University of California, Irvine — *Irvine, CA*
- Tutored students in an intermediate C++ programming class, communicated various key programming concepts, such as inheritance and memory utilization, and guided them through challenging programming assignments
- Received a total average tutor evaluation score of 8.57, 1.14 higher than the class total tutor average of 7.43

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 JSONWebTokens. Comes with password encryption, forget password functionality, email validation, and third party sign in with Google and Github
- Optimized speed and SEO and enhanced user experience by utilizing Next's Static Site Generation
- Utilizes fuzzy searching with highlighting in order to allow efficient searching of notes

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, Styled Components* — Live | Source
- Developed a full-stack web app which allowed Amazon warehouse associates to easily keep track of inbound and outbound delivery trucks
- Utilized Socket.io to implement real-time functionality
- Increased productivity significantly as the previous method was to use three whiteboards that all had to be updated manually to store the same information

TECHNICAL SKILLS

Languages/Markup: Typescript, Javascript, HTML, SCSS/CSS, Python, 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, Kafka
DevOps: Docker, Digital Ocean, Google Cloud Platform, Amazon Web Services, Netlify, Heroku, Vercel
Other: Git, Github