ALEXANDER BENKO

CONTACT

Address : San Diego CA 95825

Phone : (951) 662-9171

Email : benkoalex521@gmail.com

LINKS

- https://github.com/alexbenko
- alexanderbenko.dev
- www.linkedin.com/in/alexander-benko

SKILLS

Front End:
- Javascript (ES6+) and Typescript
- React.js
- HTML5
- CSS3
- Material U.I

Back End:
- Node.js (Express and Fastify)
- Python (Flask and Django)
- Golang
- MySQL
- PostgreSQL
- MongoDB
- Restful API Development

Deployment:
- AWS (EC2, S3, RDS)
- Docker
- NGINX

Miscellaneous:
- Git / Github
- Linux
- Ubuntu
- Webpack / Babel
- Next.js
- Jest
- Websockets (Socket.io)
- Jira

WORK HISTORY

Jr Full Stack Software Developer, 11/2020 to 02/2021
Direct Communication Solutions - San Diego, CA

- Revised, modularized and updated old code bases to modern development standards, reducing operating costs ,improving functionality, and increased apps overall speed by 150%.
- Designed, developed, and maintained several different software applications using a variety of tech , Node.js, Socket.io, React.js, MySQL, Material U.I, Vanilla JS/HTML/CSS.
- Introduced agile methodologies and effective development best practices to enhance product development.
- Performed software testing to uncover bugs and troubleshoot critical issues prior to application launch.

Senior Lifeguard, 05/2019 to 09/2020
Marin County Parks

EDUCATION

Advanced Software Engineering Immersive, 06/2020
Hack Reactor - Los Angeles

Computer Science, 08/2019
Diablo Valley College - Pleasant Hill, CA

APPLICATIONS

System Design Capstone
React, Node.js, Express, PostgreSQL, Artillery,Loader.io, Docker, Nginx, AWS

- Deployed and horizontally Scaled an inherited codebase.
- Created a script that generated and then inserted 50 million mock reviews into a Postgres database by generating a 10 gb CSV file and then inserting it into my database.
- Horizontally scaled, increasing a 300 RPS , 10 % error rate, and 200ms latency to *8500 RPS+* , 0% error rate, and 130ms average latency via a Nginx round-robin load balancer, 3 EC2 proxy servers, and server side rendering

HireMee
React, Material UI, Nodejs, Express, PostgreSQL, AWS

- A simple and social Job Application status tracking website built with a team of 4 following a strict deadline.
- Established and met every daily standup with my team to plan architecture, discuss issues, solve issues in pair programming sessions.
- Built dynamically styled components where a variety of CSS would be applied based on certain conditions.
- Implemented A Promise based form checking function that prevents users

from adding a new application unless all the requirements were met.

Fenty Beauty - Navigation and Search Bar Clone,
React, Node.js, Express, MySQL, Babel, Webpack, Docker, AWS

- *Worked with a team to recreate the product display page of a popular E-Commerce Website, Fenty Beauty*
- Built Out the Front and Back End for the nav bar and search component to mimic Fenty Beauty
- Implemented agile software development to render my team's components to build a complete web app
- Deployed to EC2 using Docker with all images and static files hosted on S3

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