JC Gonzalez

Software Engineer

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Relevant Experience

Full Stack Engineer | Donnelley Financial @ Perficient

Sep 2022 - Present // Remote

▷ Spearheaded the development of a sophisticated content processor, emulating Word document functionality, leveraging advanced React techniques integrated with slate.js, redux sagas, redux, and react.

▷ Established unit testing protocols and authored comprehensive tests using Jest, elevating the standard of software reliability and quality.

▷ Strategically designed and implemented robust redux sagas, optimizing interactions with backend APIs, crucial for the advanced collaborator feature.

Lead Software Engineer | ThermoFisher inc. @ OpenText

Dec 2021 - Sep 2022 // Remote

▷ Engineered a highly responsive and efficient Task Manager using React, successfully serving over 100 daily active users

▷ Orchestrated a seamless CI/CD pipeline on GitHub, automating testing and deployment processes, which reduced release cycles by 25%.

▷ Authored a robust application using React and architected a state management system utilizing Redux, enhancing code reusability and maintainability.

▷ Implemented secure authentication mechanisms using Node's HTTP Auth, ensuring robust security and a frictionless user login experience.

Senior Software Engineer | Coca-Cola Bottle Services @ OpenText

Dec 2019 - Dec 2021 // Remote

▷ Implemented authentication and authorization modules using JWT (JSON Web Tokens) and OAuth 2.0 with Passport.js.

▷ Collaborated on third-party services and middleware, such as Redis for caching and RabbitMQ for message queuing, to enhance application efficiency.

▷ Led the transition from a legacy PHP backend to a scalable Node.js microservices architecture, improving application performance by 40%

▷ Designed and implemented RESTful and GraphQL APIs serving over 100k transactions

Lead Software Engineer | Graduate Project @ Indiana State University

Jun 2017 - May 2019 // Terre Haute, IN

▷ Led development on enhancing legacy java administration software; adding API Ingress points to interact with a MERN based web application.

▷ Integrated Express.js with MongoDB, PostgreSQL, and Redis, providing diverse data storage and caching solutions.

▷ Implemented backup strategies using tools like 'mongodump' and 'mongorestore' on mongo db ensuring data integrity and availability

▷ Analyzed slow query logs and implemented necessary indexes, resulting in a 40% speed increase for high-load operations.

Skills

Programming Languages

Javascript,Node,Typescript, Java, C,Python,PHP,BASH,Mongo, Postgres,Mysql,HTML,CSS,Python

Libraries & Frameworks

React,GraphQL,Nashorn,Webpack,Heroku, Docker,Pandas,Numpy

Tools & Platforms

Git, Chrome Dev Tool kit,Webpack, Heroku,Wordpress, Docker, Firebase

Education

Indiana State University

2017 - 2019 // Terre Haute, Indiana
Masters of Science in Computer Science

Indiana State University

2013 - 2017 // Terre Haute, Indiana
Bachelors of Science in Computer Science

Notable Projects

Rockitcoin Geospatial Bitcoin ATM Locator

Developed a robust application integrating Google Maps API to display Bitcoin ATMs for Rockitcoin. Leveraged an existing SQL database, optimizing backend caching and data aggregation. The platform, visited by over 5,000 users daily, can be accessed at

https://www.rockitcoin.com/locations/