GERRELL FONTENETTE

Senior Full Stack Developer

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Skills

languages

Typescript, JavaScript, Python, PHP

frameworks

React, React Native, Next.js, Angular, Node.js, Express.js, Nest.js, Laravel, Django Rest Framework

libraries

Redux, Flux, Mobx, TypeORM, Sequelize, Mongoose.js, Stripe, Twilio

Platforms

AWS, GCP, Azure, Heroku, Firebase

paradigms

Agile, MVC, REST, OOP

storage

MySQL, PostgreSQL, MongoDB, DynamoDB, CosmosDB

tools

GitHub, GitLab, BitBucket, Webstorm, Jira, Slack, Kafka, Fastlane

Summary

I am senior full stack developer with hands-on experience in JavaScript and its frameworks and libraries including React.js, React Native, Node.js and their ecosystem.

I always try to deliver the best-of-quality products/services and write the maintainable and testable code which can be understood easily by other developers.

Work experience

2021 - 2024   **Senior React.js/React Native/Node.js FullStack Engineer**

PeerBoard

- Served as the application architect and technical lead for in-house software projects, utilizing React.js, React Native, Node.js, and Typescript, resulting in the successful delivery of high-quality applications.
- Implemented automated testing and deployment using GitHub pipeline for the React.js front-end, ensuring efficient and error-free deployment processes.
- Configured AWS API Gateway to create RESTful APIs and seamlessly integrate them with Lambda functions, enhancing the scalability and functionality of the applications.
- Maintained multiple Linux instances in four different environments, ensuring smooth operations and minimizing downtime.
- Set up developer environments with Docker, including local instances and database connections, streamlining the development process and improving collaboration among team members.
- Collaborated with cross-functional teams to ensure the seamless integration of front-end and back-end components, resulting in cohesive and efficient applications.
- Utilized Redux and React Context API to manage state and facilitate data flow within the applications, enhancing performance and user experience.
- Maintained clear and concise documentation, facilitating ease of understanding and knowledge transfer among team members.

Technologies: **React.js, React Native, Node.js, Redux, Express.js, PostgreSQL, AWS Lambda, AWS EC2, Fastlane, iOS, Android**

2018 - 2021   **Senior Node.js Engineer**

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- Developed, as an early engineer, a demand-side platform for the real-time bidding of display advertising.
- Used Node.JS/Typescript to build the backend infrastructure.
- Implemented AWS Lambda based serverless functions.
- Used Mongodb and CosmosDB as database.
- Used Kafka for communicating between services.
- Implemented GraphQL APIs for web and mobile frontend
- Contributed to the build of infrastructure automation and operations using kubernetes and docker
- Was involved with the server memory and performance profiling.
- Developed the operational alerting management.
- Implemented load balancing and worked on the global-scaling of the infrastructure.
- Implemented CI/CD through Azure and Jenkins

Technologies: *Node.js, Typescript, Microservices, GraphQL, Stripe, AWS Lambda, AWS Api Gateway, SQS, SNS, CI/CD, CosmosDB, Kafka*

| 2016 - 2018 | **React/Node.js Engineer** |
| | Amazon |

- Implemented Nodejs based microservice.
- Used mongodb and mongoose for meta data.
- Used MySQL and Sequelize for critical data.
- Used ElasticSearch as a search database.
- Used RabbitMQ for the communication between microservices.
- Deployed microservices to Google Kubernetes and implemented CI using GitlabCI.

Technologies: *Node.js, PostgreSQL, Docker, Kubernetes, GCP, Serverless*

| 2015 - 2015 | **Software Engineer Intern** |
| | Amazon |

- Implemented microservice backend using nodejs/expressjs
- Used mongodb as a database and redis as a cache layer
- Hosted all services in AWS and implemented automation
- Implemented admin dashboard using angularJs

Technologies: *Node.js, Heroku, Microservices, Serverless, Mongodb, PostgreSQL*

Education

| 2011 - 2015 | **Bachelor's Degree in Computer Science** |
| | Florida A&M University |