Shawn Huston
Senior Full Stack Developer

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SUMMARY

Have 6 years of experience as a senior Full stack Developer, skilled in both front-end and back-end development, with proficiency in Ruby , as well as front-end frameworks like React and Angular. Self-driven, collaborative, strong problem-solving skills and commitment to writing clean, testable, maintainable and high-quality code.

Have professional experience in Git, Jenkins, messaging services, testing frameworks and tools, Docker, Kubernetes and AWS services.

PROFESSIONAL EXPERIENCE

Transfix – New York, NY
Senior Full Stack Developer, Sep 2020-Mar 2023

- Involved in the design and development phases of Agile Software Development and established the CI/CD pipeline using GitHub, Jenkins and AWS Codepipeline.
- Developed the backend system using Rails 6 and integrated the software with a variety of freight management APIs, automated shipping brokerages, and external data providers.
- Designed and implemented enterprise level applications based on Microservice architectural design pattern using AWS Services, messaging services including Kafka and AWS SQS.
- Provide complete infrastructure solutions including configuration AWS SNS, EC2, AWS S3, API Gateway, DynamoDB, RDS, Route53, Cloud Formation and IAM.
- Implemented the TDD paradigm in the application development with various test paradigms including unit testing, end to end testing, functional testing and integration testing using RSpec, unittest, Jest and Cypress.
- Designed and enhanced the customer interface and performance using advanced features of React and Angular.

Aircall– New York, NY
Junior Full Stack Developer, Jun 2019-Sep 2020

- Designed the Back-end system based on containerization framework such as Docker, Rancher and Kubernetes using Ruby on Rails.
- Implemented the intuitive UI design using Angular 8 and enhance the performance with modern Angular features including AOT compilation, change detection and lazy loading.
- Integrated Active Record layer with the PostgreSQL and MongoDB database and enhanced the performance of the big database by introducing ORM, indices, sharding, replication, and caching.
- Integrated AWS API Gateway and other API resources such as RDS, DynamoDB, Cognito, SES, ECS and other resources for building highly scalable and robust system.
- Optimized the UI performance by using modern react features including react-hook, server-side rendering and memorization technique.

TicketSolve– Dublin, ON
Full Stack Developer, Apr 2018-Jun 2019

- Developed the backend system using various frameworks such as Express JS, Ruby on Rails.
- Implemented the UI design with HTML, CSS, Bootstrap in a pixel perfect and responsive way and enhanced the performance using Ajax technique.
- Defined the architectural level system design and implemented the communication between services using Kafka and RabbitMQ.
- Integrated Application with Ruby on Rails backend system and various 3rd party security and payment APIs.
- Connected the SQL and NoSQL databases including MySQL, PostgreSQL, Oracle database, and Document DB in various projects according to its requirement.

Education

Bachelor in computer science
Apr 2013-Apr 2017
University of Western Ontario

Skills

-Server-side

Ruby on Rails, Express JS, Laravel, Kafka, Redis, AWS (lambda, EC2, S3, API Gateway, Cognito)

-Client-side

React (Typescript/JavaScript), Redux, Angular.js Material UI, Tailwind CSS, Vue.JS

-Database

MongoDB, MySQL, PostgreSQL, Elasticsearch, Oracle

-Development and Operations

Agile, Scrum, AWS, Git, GitHub, Docker, Kubernetes

Certifications

- Ruby on Rails Certification   credly.com
- AWS Certified DevOps Engineer Professional   Amazon Web Service
- Backend Certification   Triplebyte.com
- Frontend Certification   Triplebyte.com
- JavaScript Certification   Hackerrank.com
- Project Management Professional (PMP)   Project Management Institution
- CompTIA Security + Ce Certification   CompTIA
- React Certification   Hackerrank.com
- Problem Solving Certification   Hackerrank.com