David Cui Zhen

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CAREER OBJECTIVE

Passionated by FinTech, Education, Medical & Healthcare, E-commerce and Real Estate solutions.
I keep following up the top development trends.

CORE SKILLS

* NodeJs / PM2
* Express.js / Koa.js
* Mongodb / Redis / MySQL / PostgreSQL
* Async generator flow / async / await / promises
* Git / Github / BitBucket
* Agile / Scrum
* React / React Native / Redux / Next
* Gatsby.js
* Typescript / Angular
* Material UI / Semantic / Bootstrap / Bulma
* Dart / Flutter
* Vue.js / Vuex
* Apollo / GraphQl, TypeORM
* AWS Serverless programming & Architect
* Python: Django/Flask
* Ruby: Ruby on Rails
* PHP: Laravel
* Jest / Mocha / RSpec Unit testing
* Project Management and Operation Management
* Planning, Process and Change Management

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER (BLOCKCHAIN/WEB DEVELOPMENT)
Freelancing, January 2017 – Present
* Node.js/Python development working with various blockchain daemons: Bitcoin, Ethereum, etc.
* API development using Express.js, Koa.js and async/await library for readable and intuitive code.
* Server management of various blockchain node types: Bitcoin, Litecoin, Ethereum, Omni, etc.
* React / ReactNative / Redux, Vue / Vuex UI development of features including Chart.js, D3.js implementations of candlestick and market depth data.
* Built out custom unit testing frameworks and patterns using mocha to help ensure the protection of production/staging environment databases.
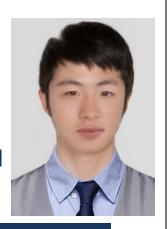
FULL STACK PYTHON DEVELOPER
MX in Utah, November 2015 – September 2017
* Developed entire frontend and backend modules using Python on Django Web Framework
* Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface
* Creating the automation scripts using Python framework for testing various applications as well as the integration of these applications (API's & UI's) based on REST calls using Selenium and Python, phrasing the JSON responses.

JAVASCRIPT DEVELOPER
Webtractions, Houston TX, October 2012 –September 2014
* Designed, architected and wrote the front-end of our eCommerce application using ReactJS with 14,000 reusable components.

- Achieved a Lighthouse score of 100/100 on our frontend
- Researched and documented needs of 150 external partners and built an API abstraction layer for seamless integration without breaking
- Modernized our legacy Vendor management app originally built on Angular 2.0 to Vue.JS
- Improved legacy front end by replacing it with ReactJS, and VueJS. Resulted into 50% faster loading times for our data heavy GIS application.
- Built CI/CD pipelines using BitBucket, Jenkins, Docker, Kubernetes and custom scripts - helping teams deploy more than 30 times in a day
- Optimized service layers, request queues and MongoDB data model to handle request load of 74,000-96,000/sec during flash sales

EDUCATION

GEORGIA STATE UNIVERSITY, 2007-2011
Bachelor's Degree in Computer Science

BRIGHAM YOUNG UNIVERSITY, 2007-2011
Master's Degree in Computer Science