

Visa Status: EAD

Please send DIRECT CLIENT Requirements ONLY
LOOKING FOR CONTRACT / CORP-TO-CORP POSITIONS ONLY
STRICTLY NOT INTERESTED IN FULL-TIME POSITIONS

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PROFESSIONAL SUMMARY:

- Extensive IT experience as a Web Developer in Front-end design & development of applications in various domains like **Healthcare, Finance, and Consulting**.
- Solid experience in developing end to end applications using modern full stack JavaScript environment **MEAN (MongoDB, Express JS, Angular JS, Node JS)** and **MERN (MongoDB, Express JS, React JS, Node JS)**.
- Proficient in designing dynamic web applications using **HTML5, CSS3, JavaScript (ES6/ES5), jQuery, AJAX, JSON**.
- Well-versed with **JavaScript** ECMAScript 6 features, including Classes, Asynchronous Process, Event handling, Closure, Prototype Inheritance, and DOM Manipulation.
- Solid experience in developing enterprise applications server-side using **Node.js** and **Express JS** to fetch and manage data from **MongoDB** along with **npm** packages such as **express, mongoose, jwt, cors, socket.io, body-parser** and **winston** etc.
- Experience in using **React JS** components, **Forms, Events, Keys, Router, Redux, Animations and Flux** concept.
- Expertise in using **Angular JS** Directives, **Controllers, Filters, Services, Templates, Events and Injectors**.
- Automated repetitive tasks using task runners such as **Grunt** and **Gulp, Webpack**.
- Hands-on experience in full-stack development using **Java, Spring Boot, Maven, Hibernate** and **PostgreSQL**.
- Strong experience in database design and development using **MySQL, PostgreSQL** and **MongoDB**.
- Good knowledge on **AWS: IAM, S3, EC2** and **load balancing**.
- Extensive use of dynamic data visualization tools like **D3.js, HighCharts, Angular Fusion Charts, Vue.js, GraphQL**.
- Familiar with creating **Unit Testing** cases using **Test-driven development (TDD)** tools such as **Jasmine, Jest, Chai, Mocha**.

- Experience in code repository using **GIT** for version control, **JIRA** for bug tracking, **Jenkins** for **Continuous Integration** and **Continuous Deployment (CI/CD)**, **Grafana** for **Continuous Monitoring**.
- Experience and good knowledge on **algorithms** and **data structure** including linked lists, stacks, queues, trees, hash tables and different sorting and searching algorithms.
- Highly motivated, reliable **problem-solver** and **quick-learner** with strong attention to detail.
- Demonstrated ability to deliver in deadline-oriented environments.

TECHNICAL SKILLS:

Environment\

JavaScript ES6/ES5, HTML4/5, CSS2/3, \
Python2/3, C++, MATLAB, LaTeX2/3\

Operating Systems\

MacOS, Ubuntu, Linux, Windows\

JavaScript Libraries & Frameworks\

React-native 0.63.x, React ^16.13.x, Redux \
^4.0, Redux-saga ^1.1, React-native-web \
^0.13, SASS, jQuery v3.x, AngularJS \
v13.0/10.0/6.0, Express.js, Node.js v11.x, \
D3.js v4.x, Jest v23.x/24.0, \

Web Technologies\

JavaScript ES5/ES6, AJAX, JSON, DOM, \
Bootstrap ^3.x, Grunt ^0.4.x, Webpack ^\
5.4.x, Babel ^7.10.x, Spring Boot ^ 2.x\

Web editors & IDEs\

Visual Studio Code, Sublime, Atom, PyCharm\

Database\

MongoDB v3.x, MySQL v5.x, PostgreSQL 10.x\

Version Control\

Git, Jira\

PROFESSIONAL EXPERIENCE:

Client: Gemini | Troy, NY

10/2021 – Till Date

Project Name: Health Care Management Platform

Role: UI/React JS Developer

Project Description

The application is developed to assign health care programs to employees, add new employees, view employee dependents, and all other related information. Each employee is assigned to a health care program and the User interface gives more flexibility to add new employees and assign programs.

My Responsibilities

- Developed various screens for the frontend using **React JS** and used various predefined modules from NPM (Node Package Manager) and **Redux library**.
- Developed multiple POCs to create an interface between Backend and Frontend by using MongoDB, **Express JS**, React and **Node.js**.
- Performed CRUD operations and Data Migrations in the **Mongo Database** using **mongoose**
- Worked closely with business system analysts understand the requirements to ensure that right set of UI modules been built.
- Worked in developing consuming the **RESTFUL** web services

- Created REST API using Node.js combined with Express.js and authenticated using **JWT tokens**
- Enhanced authentication flows with Google **OAuth** authentication.
- Used **reactive forms** to validate form data in the front-end and also use **Joi** validator in the back-end.
- Extensive use of **Grunt** and **Gulp** as a build tool for minifying the code in JavaScript.
- Extensively used **D3.js** to visualize customer information in bar diagrams, pie-diagrams.
- Developed unit test cases using **Jasmine** and **Karma** within Test Driven Development(TDD).
- Used **Agile scrum** for the development process.

Environment:

HTML5, CSS3, JavaScript, jQuery, React, Redux, Redux Form, Node.js, MongoDB, D3.js, TDD, Jasmine, Karma, Grunt JS, Sublime, Git, Agile Methodology

Large Feedback-collection App | Troy, NY

09/2020 – 09/2021

Role: UI/React JS Developer

Project Description

The project is to develop a system of record for all real estate properties and transactions for reference within JLL to capture, manage and maintain key elements of data. JLL users (stockers, marketers, etc.) can sign-in and view records on the system. Authorized users can create, read, update and delete data record.

My Responsibilities

- Developed a Full-stack web application with **React, Redux, HTML5, CSS3, NodeJS, Express** and **MongoDB**.
- Enhanced authentication flows with Google **OAuth** authentication.
- Built reusable user inputs with **Redux Form**, completing with navigation.
- Created Responsive Web Design using Bootstrap grid structure and **CSS Media Queries**, optimized CSS file using processor **SASS**.
- Handled credit cards and receive payments from users with **Stripe**.
- **Test-Driven Development** (TDD) and use **Jest** for **Unit Testing**.
- Compile and render the system production-level by using **Grunt, Webpack**, and **Babel**.
- Deployed this system on **Heroku** server.
- Work with **GIT** for **version control** and **JIRA** for work/ticket tracking.

Environment:

React, Redux, Redux Form, JavaScript, HTML5, CSS3, Node.js, Express.js, MongoDB, OAuth, Git, Jest, Grunt, Webpack, Babel, JIRA, Stripe

Project Managing System | Troy, NY

09/2018 – 08/2020

Role: Full-Stack Developer

Project Description

The project is for developing a student project managing system for an education institute. The object is to provide users a centralized, secure access to pending and finished projects of all students. Users can create new project along with the details and update with timeline.

My Responsibilities

- Implemented a Full-Stack web application with **Java**, **Spring Boot**, **Maven**, **Hibernate** and **PostgreSQL**
- Extensive use of **Thymeleaf** and involved Spring data with **Javascript**
- Delivered automatic logging with Spring **AOP**
- Designed user authentication and authority management with Spring Security
- Developed **RESTful** web service API in Spring
- Extensively used **Spring MVC** & **Spring Data CRUD Repositories**, **hibernate** using **PostgreSQL**, as well as **H2**
- Containerized using **Docker** and deployed this system on **AWS EC2**

Environment:

Java, **Spring Boot**, **Maven**, **Hibernate**, **PostgreSQL**, **RESTful API**, **Docker**, **AWS EC2**

Research and Design of Superconducting Linear Motor | Shanghai, China 09/2017 – 09/2018

Role: MERN Stack Developer

Project Description

The project is to design a superconducting linear motor for CRRC, analyzing performance of different power supply strategies, and visualizing the experiments results in order to improving the design pipeline.

My Responsibilities

- Took responsibility for research on segmented power supply
- Involved in **MERN Stack (MongoDB, Express, React, Node.js)** web development for the Easy Search system using JavaScript, **react**, along with **HTML5**, **CSS3**, **Bootstrap2** and other web technologies.
- Delivered experimental data analysis and visualization with **matplotlib**, **d3.js** and **HighCharts**
- Applied **Test-Driven Development (TDD)** process by developing test cases using **Jasmine**
- Finished a literature review of segmented power supply for Maglev train

Environment:

JavaScript ES6, **MongoDB v3.x**, **Express.js**, **Angular v5.0**, **HTML5**, **CSS3**, **AJAX**, **JSON**, **Bootstrap v3.x**, **TDD**, **Jasmine v2.x**

EDUCATION:

- **MS in Electrical Engineering**
- **BS in Electrical Engineering**