Front End Web Developer Front End Web Developer Modesto, CA Seeking Opportunities in Front-end/Back-end Web App Development Authorized to work in the US for any employer Work Experience Front End Web Developer Precision Analytical Labs, LLC - Modesto, CA January 2012 to Present Modesto, CA Jan 2012 - Present   Developed, Designed and modified websites with the use of HTML 5, CSS 3, JavaScript, jQuery, Angular.js, Node.js, Express, Big data, Mongodb Worked closely with the client to clearly define project requirements and plans.   Involved in designing and creating a dynamic website model as a guide for the development team.   Created neat and user-friendly web pages using HTML5 and CSS3.   Developed responsive web pages for different platforms by applying Twitter Bootstrap.   Developed maintainable CSS3 style sheet using Sass   Implemented MVC architecture using Angular JS.   Participated in the design review of the application to come up with UI and provide best possible   recommendations for the application from UI standpoint   Used Angular JS $http service to consume RESTful services.   Created web server to intercept requests by clients and to talk to the database with Node.js.   Employed Express.js to set up middle-wares to respond to HTTP requests and created RESTful web service with Node.js.   Angular JS form validation in page review system for each product and used AJAX to send the form data to the server in JSON format.   Optimized HTML and JavaScript code to reduce web page loading time.   Developed chat application using Angular.js, Socket.io, node.js   Prepared, Provided Art direction, web Content for the clients.   Worked closely with the client to identify issues and come up with new features.   Consulted and mentored the client and staff on technical subjects   Worked in Agile setup model to meet the deadline for releases   Designed varies websites to meet the client nature of business and marketing   Collaborated with team and updated application versions using Git with GitHub.   Education Bachelor of Science degree in Computer Information Systems California State University - Turlock, CA May 2010 Associate in Science degree in Computer Science Modesto Junior College - Modesto, CA April 2004 Bachelor of Engineering Honors Degree in Electrical & Electronics Engineering in Engineering Middlesex University - London June 1994 Higher National Diploma BTEC in Electrical & Electronics Engineering Design Westminster University - London June 1992 Skills Bootstrap (5 years), CSS (5 years), Data Model (5 years),

Website Design (5 years), Web Development (5 years), Javascript (10+ years), HTML 5 (10+ years), CSS (10+ years), Java (10+ years), J2EE (10+ years), Node.js (5 years), Web Services (5 years), Databases (5 years), PHP, MySQL, Android, Git, ASP, UI, Front-End, Front End, React, Angular

Links https://www.linkedin.com/in/emmanoelpatavary Additional Information Technical Summary:

Created rich and dynamic web app clients using Angular 6,7,8   Fully implemented the HTML5,CSS3, JavaScript Solutions   Fully Implemented the Back-end using Node.js, Express.js, MongoDB   Created Node/Express RESTful web services to support Angular applications Developed web applications end-to-end using the MEAN stack.   Created rich and dynamic mobile-first responsive web app clients using Bootstrap, Material Design, Sass, Less   Utilized Jasmine, Karma, Gulp, Grunt and NPM, TDD, Mock Objects, Continuous Integration, to build and test applications.   Optimized UI (User Interface) and evaluated UX (User Experience) Design Planning and working with Agile, Scrum, Continuous Delivery, , Continuous Integration   Excellent communication skills   able to communicate effectively in a team and independently   TECHNICAL SKILLS: Web Technologies:: HTML4/ HTML5, CSS3, JavaScript, jQuery, Bootstrap, Material Design, Angular (8), Node.js, Express.js, React.js, Java, JPA, Ajax, JSON, TypeScript, Angular CLI, RxJS, REST API, JSON   Application Development : Spring Framework, Spring Boot, Spring MVC, Spring Data, Microservices, API Gateway, Event sourcing and CQRS, DDD, Spring Cloud, Big Data, Docker, Kubernetes, Kafka Streams, Lambda, AWS Platform, Kinesis, RxJava, Spark Streaming, KAFKA, RabbitMQ, AKKA, ZeroMQ,   Programming Languages: JavaScript, Java, Scala, Python, Kotlin, Vue.js, GO, Node.js, Express.js,   Database: SQL Server, MYSQL, Oracle, MongoDB, Neo4j, Cassandra,   Version Control: GIT,   Build Tools: Jenkins, Maven, Gradle   IDEs: Eclipse, Intellij, Visual Studio Code, WebStorm, SublimeText.   Debugging tools: Firebug, Chrome Developer Tools.   Workflow tools: Webpack, Bower, Gulp, NPM, Grunt   Testing: Jasmine Unit Test, Selenium, Protractor, Karma, JMeter, Test Automation, PowerMock, Mockito, TestNG, Architecture: MVC Pattern, Design Patterns, Serverless, MicroServices, FLUX, REDUX, Reactive, Event-Driven, Sagas, Domain Driven Design, Functional, SPA, Component-Based UI Architecture, Modular Architecture. Pub/Sub, Messaging,   Software Design: SDLC, Scalability, High

Performance, Consistency, Asynchronous and Synchronous Communication, Testability, Maintainability, Availability, Single Responsibility Principle (SRP), Loosely Coupled and High Cohesion, Modular Design, Component Based Design, KISS, Don't Repeat Yourself (DRY), Reusability, S.O.L.I.D,   Software Application Development   Asynchronous JavaScript and Event Programming Asynchronous Callback Functions, Event Loop, Callback Queue, Call Stack, Heap, DOM Node and Events, Browser API, HTTP Request and Response, HTTP Methods, JSON, Promises, Scheduling Events, Distributing Events, Event flow and Handlers and Listeners, Event Object, Custom Events, XHR,   JavaScript Functional Programming First-Class Function, Pure Function, Higher-Order Function, Side effect, Immutability, Composition, Chaining, Map, Reduce, Filter etc Operation, Iteration, Observables,   MEAN Stack (MongoDB, Express, Angular, Node) Node Modules, Event Emitters, Socket.io, Defining Express Routes, MVC Architecture, Creating data Model with MongoDB and Mongoose, Writing and consuming REST API, Building a SPA with Angular, Managing Authentication and User Sessions   Testing Jasmine Unit Test, Selenium, Protractor, Karma, JMeter, Test Automation, PowerMock, Mockito, TestNG, Cucumber,   Algorithm and Data Structures   Algorithm Analysis, Asymptotic Analysis, Efficiency and performance, Recursion, Big O Notation, Rate of growth of running time, Sorting, Searching, Mathematical Functions, Array, List, Stack, Queue, Tree, Map, Set   JAVA Programming Java Fundamentals, Spring 5, Spring Boot, Spring MVC, Spring Cloud, Spring Data Rest, JPA, GUI Programming, Lambda Expressions, Restful Services with JAX-RS,   SQL and Database Design The Relational Model, Integrity Rules and Normalization, Database Modeling and Design, Database User Interface Design, SQL Data Definition Statements, SQL Data Manipulation Statements, Procedural Code and CASE Expressions, User-Defined Functions, Stored Procedures, Triggers, Functions, Tables, Views, Indexing, Encryption,   NoSQL MongoDB Implementing Collections, Indexing, JSON, Document Data Model, Query, Aggregation, Designing Schemas, Using Mongoose,   Website and Web App Architecture and Design Design Patterns

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