**Pavan Kumar**

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**Professional Summary:**

* Over 7+ years of experience in designing and development of software applications which includes 3+ years of MEAN (MongoDB, Express JS, AngularJS, and Node.js) stack and in developing 3-tier architecture based solutions with distributed components and internet / internet applications in JAVA/J2EE technologies.
  + Extensive experience in both Agile development and Waterfall methodology.
  + Experience in developing various JavaScript frameworks like AngularJS (1.X, 2.0, 4.0), Node JS, Polymer JS, Express JS, React JS/Redux, Uri JS, D3 JS.
  + Expertise in developing web pages using HTML5, CSS3, SASS, LESS, Object Oriented Java script, JQuery, AJAX, JSON.XML.
  + Created Mobile Web Applications with Responsive Web Design, through uses of Bootstrap, JQuery Mobile and CSS3 Media Queries.
  + Experienced in using Modernizer to check cross-browser compatibility, making sure that the HTML and CSS features are working properly.
  + Collaborated with UX and design teams, translating complex design mock-ups into high quality, accessible, W3C standards-based code
  + Designed and developed sophisticated, Data-Bound Ajax applications and framework using jQuery components including: a tool for Menu creation using YUI tree, context menu, drag and drop capabilities to manipulate the menu tree and Custom Ajax RPC protocol and JSON.
  + Extensive use of Node JS, React JS, Express JS, and Mongo DB along with Mongoose.JS to create server side applications.
  + Expertise in creating the user validation forms and using the RESTful services for sending the data to the server.
  + Knowledge of Angular JS framework and its ability to create simple and scalable code for SPA.
  + Good knowledge of MVC and Flux architectural pattern and its implementation in user interfaces.
  + Worked on AWS to integrate the picture files to the UI. And also worked for the backend development using Node.js and Mongo DB.
  + Used Node Package Manager (NPM) Grunt, Express, underscore.js, require.js, crypto.js, passport.js, mongoose, mongo.js, body-parser, bcrypt.js and socket.io.
  + Experience with full software development life cycle, object oriented programming, architecting scalable platforms, and agile methodologies.
  + Expertise in RESTful, SOAP web services to integrate between Application to Application
  + Experience with creating and reviewing UI design specifications, prototype development, and conducting usability tests to ensure quality assurance.
  + Extensive experience in designing and developing enterprise applications for J2EE platform using MVC, JAVA, JDBC/ODBC, JSP, Servlet, Struts, EJB, Hibernate, Java Mail, JNDI, Apache Ant.
  + Working experience with Session, Entity and Message Driven Beans.
  + Experience with various IDE's such as Eclipse, Web Strom, Web Matrix, Sublime, Dreamweaver, and Notepad++.
  + Good Expertise in analyzing the Document Object Model (DOM) Layout, DOM Functions, and Java Script functions, Cascading Styles across cross-browser using Fire Bug, Developer Tool Bar.
  + Well versed with various software development methodologies - Waterfall, Agile, Jira, VSTS, Iterative and Scrum.
  + Extensively used the repositories like Github and SVN.
  + Extensive use of Grunt & Gulp as a build tool for projects
  + Experience in all phases of Software Development Life Cycle (SDLC).
  + Ability to work effectively while working as a team member as well as individually.
  + Excellent communication and Inter-personal Skills, well organized, goal oriented.

**Technical Skills:**

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| **UI Web Technologies** | HTML, HTML5, CSS3, SASS, XHTML, XML, JavaScript, AJAX, JQuery, JSON, Twitter Bootstrap, Angular JS, Express JS, Node.js |
| **Languages** | JAVA, Servlets 2.2, 2.3, 2.4, JSP 1.1, 1.2, 2.0, JDBC 4.0, AJAX, Web Services, REST, SOAP, Struts, Spring |
| **Tools/IDE’S** | IDE, HTML Editor Eclipse IDE, Web Strom, Web Matrix, Sub lime, Notepad++, Adobe Dreamweaver |
| **Web/App. Server** | Apache Tomcat 5.0.25, HTTP Web Server |
| **Databases** | MONGO DB, Oracle 8i, 9i, 10g, SQL Server 2000, 2005 & 2008; IIS 6.0/7.0 |
| **Operating Systems** | Windows NT Server/9x/2000/XP/Windows 7/8 |
| **Methodologies** | Agile, Rational Unified Process (RUP), UML |

**Professional Experience:**

**Client: Aviva Investors, Des Moines, IA July’2017 – Till Date**

**Role: Senior UI/Mean Stack Developer**

**Responsibilities:**

* Interacted with end users and business analyst to understand the business requirements
  + Designed and developed the front end using HTML, DHTML, and XML.
  + Responsible for design and development of the web pages from mock- ups (PSD)
  + Designed CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
  + Pseudo elements and CSS3 Border, CSS3 Background, CSS3 Transitions.
  + Developed client side drop down menus, search bars, carousel, and drop down toggles using Twitter-Bootstrap and JQuery
  + Designed graphics, buttons, logos and flash animation for the website.
  + Used JSON for data interchange, as it's faster and can be parsed using JavaScript.
  + Extensively worked with JavaScript cookies.
  + Developed JavaScript and optimized existing scripts for efficiency.
  + Used JavaScript, HTML, and jQuery for forms validations.
  + Redesigned user interface HTML frameworks with Bootstrap and refined CSS styling.
  + Validated the code using W3C Mark-Up validation and also checked for the cross-browser compatibility using Cloud
  + With responsive design to create one well-planned site to deliver an optimized experience in context to each device or screen size.
  + Worked with jQuery Message plug-in, jQuery Validation Plug-in.
  + Built rich prototypes and applications using HTML5, CSS3, JavaScript, jQuery, Ajax, JSON, AngularJS, Backbone.js and Bootstrap
  + MEAN stack implementation, AngularJS Full-Stack generator (generator-angular-full stack), and actually run, edit, and deploy an application.
  + Supporting and implementing web application built on MEAN stack
  + Worked on Front end by using AngularJs and JavaScript.
  + Worked the backend by using nodejs, expressJs and mongoDB
  + Extensive use of Angular.js for developing the SPAs (Single Page Applications) for internal application/tool.
  + Extensive knowledge to use of Angular.js directives to bring additional functionality to HTML.
  + Worked with AngularJS routers, forms, modules, Dom, events, expressions, controllers, filters and HttpRequest.
  + Used AngularJS HttpRequest to read data from web servers and process JSON data to render in the UI.
  + Daily programming with Node.JS, Angular, and ExpressJs.
  + Extensively used Asynchronous calls, callback, non-blocking I/O features in nodejs
  + Involved in production support for defect fixing and minor enhancements
  + Provide status to the client Support Manager on the tasks that are carried out taking the prod log.
  + Worked on AngularJS, which combines web applications with Model View Controller capability to make development and testing of code efficient.
  + As a backend developer I was responsible for creating RESTFUL Web Services using Node.js & Express.js
  + Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
  + Used Ajax, XML, Http Request to post chat messages and to periodically check the server for new messages and update your chat window.
  + Carried out requirement analysis and business user walk through, developed design documents and implemented based on need following Agile Methodologies.
  + Have worked on AWS for fetch the pictures files from AWS to UI
  + Experience in RESTful web services to integrate between application to application
  + Wrote code to handle cross browser compatibility issues in IE 7, 8, 9 and FF.
  + Extensively used Git for version controlling and regularly pushed the code to Github.
  + Worked on application which allows integration and delivery of projects using tools like Jenkins.
  + Used HP Quality Center to keep track of outstanding bugs to reduce downtime, increase productivity, and improve communication.
  + Interacted with Testing Team, Scrum Masters and Business Analysts for Fixing of Issues
  + Interacted with Customers and development teams for Fix the Issues.
  + Performed the Regression Testing for Complete UI after fixing the Issues which are reported by Testing Team.

**Environment:** HTML, XHTML, HTML 5, DHTML, CSS, CSS3, JavaScript, jQuery, AngularJS, Express JS, Node JS, Agile, Mongo DB, XML, XSL, XSLT, JSON, MEAN stack, Notepad++, Sublime text, Git hub, Restful API, AWS.

**Client: Siemens Medical Solutions, Malvern, PA Mar’2016 – June’2017**

**Role: Senior UI/Mean Stack Developer**

**Responsibilities:**

* Interfaced with the Marketing and IT departments & developing requirements to implement.
  + Developed cross-browser/platform HTML 4/5, CSS 3, and JavaScript to match design specs for complex page layouts while adhering to code standards.
  + Extended CSS as needed to accommodate new data and display types.
  + Developed client side drop down menus, search bars, carousel, and drop down toggles using Twitter-Bootstrap and JQuery.
  + Developed client side validation code using JavaScript and jQuery.
  + Responsible to for making the pages dynamic using AJAX, JSON and jQuery.
  + Used Local Storage to store & retrieve insensitive user data during transition between the different pages.
  + Created and deployed new features in order to sustain and amend existing applications under MVC pattern using Node.JS, Angular, Bootstrap and Express.
  + Developed the Front end by using AngularJs and JavaScript.
  + Developed the backend by using nodejs, express and mongoDB
  + Developed multiple POCs to create an interface between Backend to Frontend by using MongoDB, ExpressJS, AngularJs and Node.js
  + Implemented various features of node.js like Asynchronous calls, callback, non-blocking I/O features.
  + Worked with mongoose.js for database communication with MongoDB.
  + Responsible for parsing JSON data to & from the server for presentation & storage purposes in the project.
  + Responsible for creating RESTFUL Web Services to serve data to the front-end application in JSON format
  + Worked with JASMINE unit test framework to write unit tests for JavaScript code.
  + Experience in RESTful web services to integrate between Server side to Client side
  + Handled the status of the project in a timely manner in a clear and concise way.
  + Involved in complete SDLC - Requirement Analysis, Development, System and Integration Testing.
  + Handled cross browser/platform compatibility issues (IE, Firefox, and Safari) on both Windows.
  + Managed application state using server and client-based State Management options.
  + Used JIRA to keep track of outstanding bugs to reduce downtime, increase productivity, and improve communication.

**Environment:** HTML5, CSS3, JavaScript, MongoDB, ExpressJS, AngularJS, Node.js, JQuery, Handlebars, Backbone JS, RWD, Eclipse, JSP, Adobe Photoshop, MS Office, and JIRA.

**Bank One, Chicago, IL May’2015 – mar’2016**

**Role: UI/Mean Stack Developer**

**Responsibilities:**

* Web design and development, application development using Photoshop, HTML,JavaScript.
  + Developed the User Interface using HTML 5, CSS, Angular.js, and http calls to web-services
  + Created web pages using HTML, CSS, JQuery and JavaScript.
  + Writing Asynchronous code on the server-side for fetching data and communicating with the front-end application using AJAX calls from Front-End application using jQuery.
  + Used AJAX and JSON to make asynchronous calls to the project server to fetch data
  + Developed authentication system using Passport.js for user/employer/employee login.
  + Responsible for design and development of the web pages from mock- ups.
  + Responsible for creating the screens with table-less designs meeting W3C standards
  + Applied jQuery scripts for basic animation and end user screen customization purposes.
  + Designed dynamic and multi-browser compatible pages using HTML, CSS, Angular.js and JavaScript and also developer responsive interface using Bootstrap and used SASS for CSS
  + Used Local Storage to store & retrieve insensitive user data during transition between the different pages.
  + Developing and designing SPA user interfaces in Angular.js.
  + Responsible for developing a front-end application using React.js and FLUX architecture for internal team's productivity use.
  + Developed multiple POCs to create a interface between Backend to Frontend by using MongoDB, ExpressJS, AngularJs and Node.js
  + Responsible for creating RESTFUL Web Services to serve data to the front-end application in JSON format
  + Developer server-side application using Express.js framework and followed MVC architecture
  + Created JSON objects on the front end to throw data on the server for storing the data into MongoDB on mLab (formerly Mongo Lab)
  + Responsible for front-end code testing using TDD&unit testing techniques.
  + Worked with mongoose.js for database communication with MongoDB.
  + Responsible for parsing JSON data to & from the server for presentation & storage purposes in the project.
  + Involved with bug fixing on functionality, and performance issues with JavaScript/JQuery
  + Responsible for making builds & deploying the application to Heroku server
  + Extensively used Trello for Project & Task Management
  + Interacted with Testing Team, Scrum Masters and Business Analysts for Fixing of Issues
  + Interacted with Customers and development teams for Fix the Issues.
  + Performed the Regression Testing for Complete UI after fixing the Issues which are reported by Testing Team.

**Environment:** HTML, CSS/CSS3, JavaScript, JQuery, AJAX, jQuery UI, AngularJS, Express.js, Passport.js, Mongoose.js, animate.css, Twitter Bootstrap, GIT, SASS, Photoshop, Web Storm, NoSQL, Atom, ReactJS, MVC, Flux, mLab (Mongo Lab), Heroku, NPM, bower, NoSQL, bcrypt, hashing, Sass, Compass, OAuth, Trello, Modulus.

**Client: Larsen & Toubro InfoTech Limited - Mumbai, India Sep’2013 – Oct’2014**

**Role: UI Developer**

**Responsibilities:**

* Designed the Front End applications, user interactive (UI) web pages using web technologies like HTML, CSS, JavaScript, and JQuery.
  + Worked on feature developments for the Growth team and projects handed down from the executive team, focusing primarily on HTML, CSS/SCSS, and JavaScript development.
  + Developed non-functional HTML, CSS pages from the mock ups and involved in UI review with UI architect and Business Units.
  + Provided time estimates for front-end development on projects, consulted with project managers and clients on front-end development tasks, managed developer resources, provide insight into user interface design, and interacted directly with clients to answer any questions or concerns.
  + Worked on developing a communication application that provided a collaborative platform for users to share customer related issues, assign action items, and manage overall internal communication.
  + Implemented AJAX functionality using JQUERY, JSON and XML.
  + Worked closely with Business Analysts in understanding the technical requirements of each project and prepared the use cases for different functionalities and designs.
  + Designed new classes and functionalities using various JQUERY components for CRM application for customer service.
  + Wrote Object Oriented JavaScript to create modules and extensively debugged with Firebug and other debugging tools.
  + Tested cross browser compatibility issues between multiple browsers.
  + Facilitated discussions with Systems Analyst to identify technical requirements.
  + Developed and designed the various screens and its architecture in accordance to UI Specs.
  + Handled all aspects of the web application including maintaining, testing, debugging, deploying and printing.

**Environment:** HTML, CSS, JavaScript, XML JQUERY, JSON, AJAX, SVN, Eclipse, Multithreading

M.S Windows, Agile methodology, MySQL.

**Client: XTGlobal, Hyderabad, India. Jan’2011 - Aug’2013**

**Role: Software Engineer**

**Responsibilities:**

* Involved in the analysis, design and development phases of the Software Development Life Cycle (SDLC)
* Used Rational Rose to generate Use case diagrams, Class diagrams and Sequence diagrams that modeled the design details of the application.
* Developed UI screens using JSP, Struts tags and HTML.
* Used Jakarta Struts Framework, based on the Model View Controller architecture for rapid application development and ease of maintenance.
* Used validation framework for client-side validation and Internationalization to support multiple languages.
* Designed tables to access the database in Oracle and involved in writing PL/SQL, Stored Procedures, and Triggers.
* Implemented several design patterns such as Business Delegate, MVC, Singleton and Factory to resolve the most common design issues.
* Encryption and Decryption using symmetric keys.
* Implemented PL/SQL and stored procedures for Oracle9i database.
* Used XML parser APIs like DOM for marshalling and un marshalling of Data.
* Used MyEclipse for writing JSPs, Struts, and Other Java code snippets.
* Implemented multithreading applications using java
* Used J-Unit framework for Unit testing of application and Clear Case for version control.
* Built application using ANT and used Log4J to generate log files for the application.

**Environment:** Java, J2EE, JSP, Struts, Apache Tomcat, EJB, Servlets, JNDI, JMS, Oracle 9i, HTML, XML Web Services, My Eclipse, Mutlithreading SOAP, J-Unit, ANT, Rational Rose, LOG4J, Clear Case.