

RAVI VALLURI

FULL STACK DEVELOPER



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About Me

I am a full-stack developer based in Chicago, IL with over 7 years of experience in Full Software Development Life Cycle (SDLC) includes requirements definition, design, implementation, testing, production support, enhancements of existing systems developing dynamic web applications. Development experience adhering to SDLC processes like Waterfall, Agile, and Test-Driven Development. Specialties include full-stack JavaScript, responsive web design, mobile optimization, and scalable, performant CSS. Well-versed in Java, PHP and Node.js for back-end and background in Spring and Hibernate frameworks. I switch easily from Back-End architecture to Front-End development and test automation.

Skills

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|---|--|--|
| <input type="checkbox"/> JavaScript/jQuery | <input type="checkbox"/> Apache, NGINX | <input type="checkbox"/> Agile, Waterfall, TDD |
| <input type="checkbox"/> AngularJS, ReactJS, BackboneJS, Vue.js | <input type="checkbox"/> MySQL, MongoDB | <input type="checkbox"/> Vagrant, Docker |
| <input type="checkbox"/> HTML, CSS, LESS/SASS | <input type="checkbox"/> Node.js, PHP, Java | <input type="checkbox"/> Git |
| <input type="checkbox"/> React Native | <input type="checkbox"/> Grunt, Gulp | <input type="checkbox"/> Webpack, Browserify |
| | <input type="checkbox"/> Bootstrap, Foundation | <input type="checkbox"/> AWS, Heroku |

Experience

Senior Full Stack Developer

Beam Suntory /Jun '17 – Present

- Working on Angular (2.x) on frontend and writing directives (components) of any level of complexity including interactive maps (Angular+D3.js), nested trees, SVG elements and other fancy things.
- Created a Node.js based system to take in an assortment of user data (purchases, page views, etc.) and generate expected interest in future products and the categories.
- Leveraged angular resources for all data access, encapsulating URLs and standardizing data access interfaces.
- Responsible for managing AWS resources in the cloud and maintain Continuous Integration and Continuous Deployment pipeline for fast-paced robust application development environment.
- Refactored front-end through Vue.js, Webpack and ES6 to keep the code modular and loosely coupled.
- Built out full-featured mobile survey and mobile product locator applications in React Native.

Full Stack Developer

W.W. Grainger/Jan '16 – May '17

- Using BackboneJS and handlebars to connect the API's which enforces the communication to the server.
- Created a Node.js API server using Express, that powers all of the cart's back-end infrastructure.
- Planned, constructed and iterated upon a contacts management single-page application and custom REST API using AngularJS, MongoDB, and Node.js.
- Set up Node.js beanstalk environments in AWS via Docker containers.
- Worked on rewriting core parts of older PHP site to Node.js using React.
- Created a new form builder module using React for front end and back end UI components.

- Refactored JavaScript dependencies to reduce file size and speed by 50%.

Front End Developer

AIG/Jan '15 – Dec '15

- Wrote a module for processing and uploading of images using client-side JavaScript that significantly reduced server load and improved user performance, leading to a 96% reduction in media storage needs.
- Assisted in developing a mobile-first strategy for new business applications using AngularJS for robust concurrency handling.
- Created a build script using Gulp.js and Node.js for internal use. Maintained and developed the online wholesale insurance trading platform, written in PHP with MySQL for data storage.
- Performed audits on front-end pull requests and add bug fixes to features on a large-scale, multi-repository billing interface project using AngularJS.
- Built custom themes, plugins, and contact Form development using JavaScript, jQuery and HTML5, Angular, MongoDB, Backbone.

Back-End Developer

BMS (Bristol- Myers Squibb)/Jun '14 – Dec '14

- Demonstrated implementation and up-gradation of JavaScript Library.
- Using Maven to build binary dependencies that give faster build time than typical monolithic Ant builds.
- Development of site & CMS using PHP framework, PHP ORM, and JQuery JavaScript framework.
- Responsible for manipulating components in JQuery as well as making the pages' dynamic using AJAX, JSON, and XML.
- Implemented highly interactive SVG-based visualizations using JavaScript (ES with Babel.js).

Java Developer

TIAA-CREF/Apr '13 – Aug '13

- Developing and implementing the MVC Architectural Pattern using Struts Framework including JSP, Servlets, EJB, Form Bean and Action classes. Worked with the SQL mapping files in the Hibernate framework.
- Using Maven for fixing mismatched dependencies, badly written the poms, and doing package exclusions anyway.
- Build and deploy the web application using ant scripts in UNIX environment. Extended existing proprietary PHP framework to support Restful APIs. Developed several REST web services supporting both XML and JSON to perform tasks such as demand-response management.

Java Developer

Wells Fargo/May '12 – Mar '13

- Developed SOAP-based requests for communicating with Web Services. Interfaced with struts to code the business logic for the web client layer involving J2EE design patterns. Used JMS for getting transaction details. Analyzed and fixed defects in the Login application.
- Implemented XML to stream data across different Interfaces for Reconciliation and Reversal process of the transaction files with the Bank.

Java Developer

Quality Matrix/Jun '10 – Aug '11

- Implemented GUI screens for viewing trade data using Servlets, JSP, HTML, CSS, jQuery, JavaScript, and Spring MVC. Involved in the creation of an interface to manage user menu and Bulk update of Attributes using Backbone.js, Require.js, and JQuery.
- The CRM system was built with object-oriented PHP, MySQL database, (x)HTML, CSS, jQuery and jQuery UI. The SEO system communicated with the CRM application using RESTful web-services.

- Implemented custom JSP tags for displaying trader data. Used JSON strings to transfer java object data to Angular JS and vice versa. Developed test cases using JUnit for functionality and unit testing.
- Wrote Java code for accessing trade data from Oracle and DB2 databases using JDBC API and SQL queries and accessed it from J2EE Web component.

Web Content Developer

University of North Texas/Sep '11 – Apr '12 & Sep '13 – Apr '14

- Provided varied web services including domain registration, research, and set-up of hosting, usability testing, design, site architecture, content organization and editing, coding, database integration, testing and site maintenance. Specializing in content management systems (CMS Made Simple / WordPress)
- Develop and maintain individualized websites for a range of divisions across the university as a Student Web Developer. Develop the layout, colour scheme for his website and implemented it into a final interface design with the HTML5/CSS3 & JavaScript using Dreamweaver. Developed programs to port the XML data to the database to make the website XML driven. Created UI designs using Web 2.0 standards.

Education and other technical proficiencies

Master of Science (MS) in Computer Science (2014)/University of North Texas, Denton, TX

Bachelor of Technology (B. Tech) in Computer Science (2010)/Jawaharlal Nehru Technological University, India

Other Technical Skills: Adobe Photoshop, Illustrator, Dreamweaver, WordPress, Microsoft Office (Word, PowerPoint, Excel, Outlook, Access), Microsoft Visio