

# RAVI VALLURI



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## FULL STACK DEVELOPER

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**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 using **HTML/CSS, JavaScript, NoSQL, jQuery**, and Content Management Systems. Involved in designing the user experience interface **UI/UX** strategy, UI requirements, converting findings into UI designs with CSS pixel-level layout, Consistency with browsers, Version, and Platform Independence. Hands on experience in databases like **MySQL** and **NoSQL** databases like **MongoDB**, and **Node.js** Implementation. Development experience adhering to SDLC processes like **Waterfall, Agile, and Test-Driven Development**. Involved in several web application development projects that required Responsive Web Design for tablets and phones. **Areas of expertise include:**

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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           |

## PROFESSIONAL EXPERIENCE

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BEAM SUNTORY, CHICAGO, IL

Jun '17 – Till Date

### Full Stack Developer

- Creating modular components with **Webpack**, JSX and CSS Modules.
- Working on **Angular (2.x)** on frontend and writing directives (components) of any level of complexity including interactive maps (**Angular+D3.js**), nested tress, SVG elements and other fancy things.
- Leveraged angular resources for all data access, encapsulating URLs and standardizing data access interfaces.
- Built custom **Angular 2** Directives and Services for single-page web application for agile-based team.
- Worked closely with the design and UX team to build out HTML emails, landing pages, and full-fledged responsive websites.
- Responsible for managing **AWS** resources in cloud and maintain Continuous Integration and Continuous Deployment pipeline for fast paced robust application development environment.
- Developed prototypes for new CRM software using **Zurb's Foundation**, **SASS**, and Backbone.js.
- Created and implemented a custom CSS grid system, with CSS media queries for mobile responsiveness.
- Logging Server Remotely using **NGINX** proxy server and to achieve continuous Delivery goal on high scalable environment, used **Docker** coupled with load-balancing tool NGINX.
- 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**.

W.W. GRAINGER, LAKE FOREST, IL

Jan '16 – May '17

**Full Stack Developer**

- Designed and developed dynamic web pages using **HTML5**, **CSS3**, and **JavaScript**. UI dynamic styling, layout, validation and look and feel using **Jquery** and **JavaScript**.
- Developed applications in **AngularJS** and **Bootstrap** and deployed into development, Test, and production environment successfully.
- Using **BackboneJS** and handlebars to connect the API's which enforces the communication to the server.
- Planned, constructed and iterated upon a contacts management single-page application and custom REST API using **AngularJS**, **MongoDB**, and **Node.js**.
- Creating automation and deployment templates for NoSQL databases in **AWS**.
- Managed CRM version releases through **Git**. Used **Agile** practices and **Test-Driven Development** techniques to provide reliable, working software early and often.

AIG, HOUSTON, TX

Jan '15 – Dec '15

**Full Stack Developer**

- Created **HTML**, **CSS**, **JavaScript**, **DHTML** pages for Presentation Layer. Involved in developing of design documents with **UML** class diagrams.
- Developed a dynamic and secure front-end that consumes our API using **Angular.js**.
- Participated in development of a well responsive single page application using **ReactJS** framework and JavaScript in conjunction with HTML5, CSS3 standards, with front end UI team.
- Sole developer of a new single-page web app with **AngularJS** and Bootstrap 3, using a **REST API** backed by **LAMP** stack. 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, HTML5, and **Git**.
- Migrated all infrastructure from **Heroku** to AWS using **Nginx** as reverse proxy, Puma server on EC2 instances and PostgreSQL on RDS

BMS (BRISTOL- MYERS SQUIBB), PRINCETON, NJ

Jun '14 – Dec '14

**Full Stack Developer**

- Demonstrated implementation and up-gradation of JavaScript Library. Coded frontend interface with **Bootstrap**, **AngularJS**, **CSS**, **JS** and **HTML5**.
- 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 HTML5, CSS3 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).

TIAA-CREF, CHARLOTTE, NC

Apr '13 – Aug '13

**Java Developer Intern**

- 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 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.

**WELLSFARGO, DES MOINES, IA****May '12 – Mar '13****Java Developer Intern**

- 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.

**QUALITY MATRIX INC, INDIA****Jun '10 – Aug '11****Java Developer**

- 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.

**UNIVERSITY OF NORTH TEXAS****Sep '11 – Apr '12 & Sep '13 – Apr '14****Web Content Developer**

- 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 layout, color 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.

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**EDUCATION AND OTHER TECHNICAL PROFICIENCIES**

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**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