

# MANOJKUMAR MURALIDHARAN

Portfolio: [manoj.io](https://manoj.io)  
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Full Stack JavaScript Engineer (919) 527-8091

## Professional Experience

<b>PayPal</b>	<b>Software Engineer 3 ( JavaScript Engineer)</b>	<b>March 2017 – Present</b>
<ul style="list-style-type: none"><li>Implemented PayPal consumer on-boarding experience for 200+ countries across multiple locales for 2 different on-boarding workflows (Donation/ Send Money) in 3 months.</li><li>Designed configuration generation tools to automate the above process of enabling on-boarding experience and reduced ramp up time from 1.5 months to 1 day.</li><li>Created sharable isomorphic UI components to promote re-usability, consistency and modularity across different workflows, there by optimizing assets from 1.2 MB to 600 kb ( ~67kb gzip ) with versioning.</li><li>Used Globalization API to provide dynamic on-boarding experience to show relevant fields based on user's country.</li><li>Re-designed architecture to build web-based UI with the sharable UI react components, redux and view configurations from the server.</li><li>Provided capability on the client side to dynamically add, remove, inherit reducers for better state management with Redux and reducing initial loading time with lazy loading of non critical assets.</li><li>Enhanced configuration driven development by extracting common configurations and providing workflow based overrides to promote best conceivable re-use with ability to override when necessary.</li><li>Implemented caching of the configurations on the server side, which provides for faster response times.</li></ul>		

<b>Fidelity Investments, NC</b>	<b>Sr. Software Engineer Developer ( JavaScript Engineer)</b>	<b>Jun 2013 – March 2017</b>
<ul style="list-style-type: none"><li>Translated visual and written designs from UXD teams into efficient front end components for application teams</li><li>Provide guidance and support for front end activities across different products and agile teams</li><li>Developed transaction processing applications on a end to end JavaScript stack involving express, angular</li><li>Server side development involving express on node.js, Client side development with frameworks and tools (Angular, Backbone, Webpack, gulp, grunt), HTML, CSS for presentation layer with scaffolding for client-side build</li></ul>		

<b>ITC Infotech (USA) Inc., NJ</b>	<b>Summer Intern ( Full Stack Intern )</b>	<b>May 2012 - Aug 2012</b>
<ul style="list-style-type: none"><li>Designed a travel web portal with rich user interface to help with all business travel needs of the organization using jQuery, JavaScript (ES5), HTML5 and CSS3 and RESTful services</li><li>Designed database using MySQL , server side scripting with PHP and presentation layer with Smarty framework</li></ul>		

<b>Infosys Technologies, India</b>	<b>Systems Engineer</b>	<b>Jun 2009 – May 2011</b>
<ul style="list-style-type: none"><li>Implemented a web based tool which offered an intuitive user interface experience to validate and modify various data related to the system, which was previously carried out manually using SQL scripts</li><li>Involved in presentation layer development using HTML,CSS, JSP, JavaScript and JSF for various clients</li><li>Responsible for the designing, coding and development of applications in J2EE using Spring MVC Architecture</li></ul>		

## Technical Toolkit

Web Technologies : JavaScript (ES5, ES6), HTML, CSS, REST

Application Framework : Express, React, GraphQL, Backbone, Angular

Client side libraries : Redux, lodash, Underscore, Modernizr, require.js

Tools : Webpack , git, JenkinsCI, Chrome dev-tools, Firebase, node.js, grunt, gulp

## Education

Master of Computer Science	NC State University, Raleigh, USA	Course GPA-3.37	Aug 2011 - May 2013
Bachelor of Engineering, Computer Science and Engineering	Anna University, Chennai, India	Course Aggregate -80.47%	Aug 2005 - Apr 2009

## Achievements

- Won 1<sup>st</sup> Place in Ship it Day Hackathon 2015 and 2<sup>nd</sup> place in Ship it Day Hackathon 2013