

MANOJKUMAR MURALIDHARAN

Full Stack JavaScript Engineer

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Technical Toolkit

Web Technologies	: JavaScript (ES5, ES6), HTML, CSS
Frameworks	: Express, JEST, GraphQL, Angular
Client side libraries	: React, Redux, lodash, Axios, Backbone
Tools	: Webpack, git, JenkinsCI, Chrome dev-tools, Firebase, node.js, grunt, gulp, enzyme

Professional Experience

PayPal	Software Engineer 3	March 2017 – Present
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- Implementing PayPal consumer on-boarding experience for **200+** countries across multiple locales for **2** different on-boarding workflows (Donation/ Send Money) in **3 months**.
- **Reduced ramp up time** for 200+ countries from **1.5 months to 1 day** by designing configuration generation tools to automate the above process of enabling on-boarding experience.
- **Optimizing assets** from **1.2 MB to 600 kb (~67kb gzip)** with versioning to create sharable isomorphic UI components to promote re-usability, consistency and modularity across different workflows.
- Leveraged Globalization API to provide dynamic on-boarding experience to show relevant fields based on user's country.
- Re-designing front end architecture to build web-based UI with the sharable UI react components, redux for state management and view configurations for the UI look and feel.
- Providing capabilities 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.
- Enhancing configuration driven development by extracting common configurations and providing workflow based overrides to promote best conceivable re-use with ability to override when necessary.
- Implementing caching of the view configurations on the server side, which provides for faster response times.

Fidelity Investments, NC	Sr. Software Engineer Developer	Jun 2013 – March 2017
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- Translated visual and written designs from UXD teams into efficient front end components for application teams
- Provided guidance and support for front end activities across different products and agile teams
- Developed transaction processing applications on a end to end JavaScript stack involving express, angular
- Developed applications using Express (server side), Angular, Backbone (UI frameworks) and Webpack, gulp (build process).

ITC Infotech (USA) Inc., NJ	Summer Intern	May 2012 - Aug 2012
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- 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
- Designed and developed database using MySQL, server side scripting with PHP and presentation layer with Smarty framework

Infosys Technologies, India	Systems Engineer	Jun 2009 – May 2011
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- 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
- Involved in presentation layer development using HTML, CSS, JSP, JavaScript and JSF for various clients
- Designed and developed applications in J2EE using Spring MVC Architecture

Education

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

Achievements

- Won 1st Place in Ship it Day Hackathon 2015 and 2nd place in Ship it Day Hackathon 2013
- Won PAT award at PayPal for Performing beyond expectations in 2017