

LAVANYA SOMASHEKAR

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- Frontend Developer with three years of experience in Web development, User Interface design, JavaScript and related technologies
- Proficient in Data Structures, Object Oriented Concepts, Database Systems, Agile Methodologies and version control
- Passionate about UI/UX, web design, customizing front end frameworks, frontend optimization and SEO

EDUCATION

Master of Science (MS)	University of Texas at Arlington, Texas	Aug 2014 - May 2016
Major: Computer Science		GPA: 3.42/4.0
Coursework: Advanced Software Engineering, Cloud Computing, Distributed Systems, Computer Networks, Web Programming		
Bachelor of Engineering (BE)	Visvesvaraya Technological University, India	Aug 2009 - Jun 2013
Major: Computer Science and Engineering		GPA: 3.8/4.0

TECHNICAL SKILLS

Programming	JavaScript, Python
Web Server/Databases/VCS	Express, Apache, AWS, MySQL, MongoDB, Postgresql, Git, SVN
Tools/Networking/Testing	Unit testing, Mocha, Enzyme, Chai, TCP/IP, HTTP, DNS, Linux, WebStorm, PyCharm, Redux, Webpack, JSLint, Jira
Web Technologies	HTML5, CSS3, PostCSS, jQuery, Ajax, REST, AngularJS, d3.js, Highcharts, PHP, JSON, Bootstrap.js, SASS, ReactJS, NodeJS, Javascript ES6, Babel

WORK EXPERIENCE

Full Stack Developer, Cisco, San Jose, CA	Aug 2017 – Present
<ul style="list-style-type: none">• Developing a dashboard UI to manage and monitor Cisco Hardware Architectures• Building this single page application using MEAN stack and using Gulp for build automation• Using Highcharts to create real time dynamic data visualization charts to display financial reports• Implementing MongoDB database to perform CRUD operations as per the request and response• Creating RESTFUL Web Services to serve data to the front-end in JSON format• Using SASS and following Bootstrap-grid system to develop responsive widgets	
Web UI Developer, JCPenney, Texas, US	July 2016 – July 2017
<ul style="list-style-type: none">• Redesigned JCPenney's production website with a new shopping cart, product catalog and order confirmation pages which contributed to an increase in revenue during the quarter by improving sales significantly• Collaborated with business owners, SEO analysts and the UX team to create custom components using HTML, CSS, ReactJS, Javascript ES6• Implemented and customized Post CSS framework which reduced the development effort of the team by almost 50%• Added animations to the components for UX-library which consists of button, checkbox, radio button, input, icon, dropdown, multi-level dropdown using post CSS and wrote redux sagas for JCPenney's e-commerce website• Developed custom plugins and implemented accessibility requirements for web applications with rich UI• Implemented best practices for front end optimization(FEO) and cleaned up the existing inefficient code to reduce JavaScript and CSS file sizes while improving loading times drastically	
Project Engineer, Wipro Technologies, Bangalore, India	Aug 2013 – July 2014
<ul style="list-style-type: none">• Developed responsive web applications using HTML5, CSS3 and JavaScript by following Agile Methodologies• Developed single page applications using AngularJS. Used jQuery and AJAX to call HTTP REST APIs and built dashboard graphs using d3.js. Implemented dynamic page elements and form error validations using AngularJS directives• Produced mockups using wireframes to effectively communicate design solutions which satisfy UX and business requirements	
Software Developer Intern, TELiBrahma Technologies, Bangalore, India	May 2012 – Apr 2013
<ul style="list-style-type: none">• Developed a networking application for Location Based Services (based on Buzz, a location based service) which is a social networking tool for event attendees using HTML5, CSS3, JavaScript, PHP Slim, MySQL• Used the generated docker tags after the completion of build process to deploy the microsites on AWS containers	

PROJECTS

Movie Finder App – A Web Application

- A single page AngularJS application that lets a user choose a movie to watch based on the genre and display details of the movie when clicked. **AngularJS, HTML5, CSS3**

Photocart - Online Market place for Photographers

- Developed an e-commerce website where customers could create account, login, add to cart and post pictures for sale. It was hosted on the Amazon Web Services (EC2). **HTML5, JavaScript, jQuery, Python, Flask**

CERTIFICATIONS

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| • Advanced JavaScript | • React and Redux Fundamentals |
| • Linux Essentials Certification | • Python Data Structures |