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| **SKILL SET:** |
| Angular.js, Gulp.js, Knockout.js, Backbone-Marionette.js, Backbone.js, Node.js, Express.js, Mocha, Should.js, Jasmine, AJAX, Normalize.css, SCSS, SASS, LESS, Twitter Bootstrap 3.0, JavaScript, jQuery, HTML5/4.0, CSS 3.0/2.0, ExtJs, JAML, Python 3.0, Flask (MVC), Core Java, Ruby on Rails, Play 2.0, SQL, Android, PHP 6.0, JSON, NoSQL, MongoDB, MYSQL, SQL Server, Adobe Flex 4.0, ActionScript, SVN, GitHub, .NET web services, TFS, MVC, MVP, MV\*, MVVM architectures and RESTful implementation, Test-Driven development, AGILE SCRUM based Development. |

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| **EDUCATION:** |
| **Master of Science in Computer Science and Engineering**  **Dec 2016**  University of Texas at Arlington, Arlington, Texas  **ACADEMIC PROJECTS:**   |  | | --- | | * Built social media app called ***‘Connectify’***. * Developed user authentication, list friends, location tracking, mutual interest determination based on similarity of data in cluster. * Integrated Facebook and Google API for user authentication and listing users’ friends. Used Google’s location API to determine user location and friends around him. * ***Tech Stack -*** ***Angular.js 2.0, Gulp.js, Python v3.0, Flask v0.11, MongoDB*** * Built Android version of ***‘Connectify’***. * Developed activities for user authentication, add interest, friends list, geo-fence activity, HTTP wrapper, display google maps, user notifications and security. * Developed back-end in PHP for database connectivity and CRUD for above activities. * ***Tech Stack -*** ***Android, PHP 6.0, JSON, MYSQL, GitHub*** * Built Political Tweets Analyser. * Developed web app to extract, analyse, classify political Tweets and perform Sentiment Analysis. Classify Twitter users as Democrats or Republicans using Naïve Bayer classifier. * Used ‘twitter’ ruby gem to extract tweets. Developed CRUD to persist and retrieve data using ‘mysql2’ gem. Configured routes for the application. * Used ‘sad\_panda’ gem to perform sentiment analysis. Used ‘madeleine’, ‘classifier’ and ‘fast-stemmer’ gems to perform data classification. * ***Tech Stack - Ruby v1.9.0, Rails v4.2.0, Twitter Bootstrap 3.0, MYSQL, GitHub*** | | * Built web application to manage video games related information. * Designed database schema and normalized it. Developed SQL queries to store and retrieve video games data. * Used ‘mysql2’ to connect to MYSQL database. Wrote CRUD operations to manage data from front-end. Configured routes for the application. * ***Tech Stack - Ruby v1.9.0, Rails v4.2.0, Twitter Bootstrap 3.0, JSON, MYSQL, GitHub*** | | * Built web application to manage movies information from IMDB. * Used ‘imdb’ ruby gem to retrieve data about movies from IMDB website. * Developed CRUD functionality to store and retrieve data from/to ruby controllers. * Designed database schema. Developed SQL queries to store and retrieve IMDB data. * ***Tech Stack - Ruby v1.9.0, Rails v4.2.0, Twitter Bootstrap 3.0, JSON, MYSQL, GitHub*** | | * Built Network Simulator to simulate a network of internet nodes. * Developed modules for queuing analysis, boundary router and inner router, DSCP marking, classify, meter, drop packets. * ***Tech Stack –*** ***JAVA*** | | * Built online personal profile – <http://shrikantkakaraparthi.tech/> * Developed personal website to showcase my personal information. Built About section, Download Resume, Education and Courses section, Skillset section, Projects, Contact section. * ***Tech Stack -*** ***Angular.js 2.0, Gulp.js, PHP 6.0, GitHub*** | |

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| **PROFESSIONAL EXPERIENCE:** |
| |  | | --- | | **Senior Software Engineer at Indecomm Global Services Dec 2012 - Jul 2014** | | * Built ‘Asset Performance Management’ tool for **Meridium Inc**. * Developed UI boilerplate, views, view-models, controllers, mocha BDD and should.js tests for ‘Asset Safety’ module. * Develop CRUD for Dashboard/Overview screens, HAZOP, System Nodes, Deviations/What-Ifs, Causes, Consequences, Safeguards, What-If and Recommendations screens. * ***Tech stack - HTML5, CSS3.0, Knockout.js, Mocha, Should.js, Normalize.css, LESS, JavaScript, jQuery, .NET services, SQL Server, Team Foundation Server, MVVM, JSON*** | | * Built UI for Chat Application for **Lenovo Group Ltd**. * Developed JS based Business Models, App Rules & suppressions, Automated Email component. RCA of several major and minor bugs and fixed issues. * Integrated 2 internal Chat libraries and developed logging and tracking of user events through libraries. * ***Tech stack - HTML 4.0, CSS2.0, JAML, JavaScript, jQuery, JAVA, MYSQL, SVN, JSON*** | | * Built modules and fixed existing bugs for **School Improvement Network**. * Developed modules of User messaging, Journals, Groups, Communities modules. Performed RCA and fixed several bugs. * Integrated file storage on Amazon S3 using npm-knox. Developed server-side functionality using Backbone-Paginator.js. * ***Tech Stack -*** ***Backbone.js, Backbone-Marionette.js, Node.js, Express.js, MongoDB, Jasmine, Mocha, Should.js, Twitter Bootstrap 3.0, HTML5, CSS3.0, SCSS, SASS, jQuery, JavaScript, GitHub, TDD, MVP, JSON*** | | **Senior Developer at Mu Sigma Business Solutions Pvt. Ltd. Feb 2011 - Dec 2012** | | * Built sales reports for **Microsoft Corporation**. * Developed HTML5 reports with cascading population of dropdowns, charting components (***Zing Charts and Highcharts***) and grid components (jqGrid). * Developed .NET web-services using WCF. Wrote SQL to store and retrieve data in SQLServer. * ***Tech Stack - HTML5, CSS3.0, jQuery, JavaScript, AJAX, .NET web services, SQL Server, SVN, JSON*** | | * Built Sencha framework based web-application for **Abbott Laboratories**. * Built HTML5, CSS3.0, ExtJs based user interface. * Developed functionality to display physician’s details in an accordion. * Integrated Bing Maps API to plot physicians’ location. Researched on Google Maps API. * ***Tech Stack - HTML5, CSS3.0, ExtJS 3.0, PHP 3.0, MYSQL, Bing Maps API, SVN, MVVM, JSON*** | | * Built Project Management tool (in-house). * Developed modules for weekly status, manage projects, manage employees, administration. Wrote CRUD operations for these screens. * Application used a flex pure MVC framework based on BlazeDS integration which provided AMF bindings between Flex and Java. * ***Tech Stack - Adobe Flex 4.0, JAVA, BlazeDS integration, MYSQL, SVN, MVC*** | | * Built Champion-Challenger based Model Optimizer (in-house). * Developed modules for model throttling, auditing, manage models and model builder. Visualized the performance of models using ***D3.js***. * Developed views, models, controllers and routes for the application. Used Play frameworks’ ORM to persist and retrieve data from PostGreSQL. * ***Tech Stack - Play 2.0, Twitter Bootstrap2.0, JavaScript, jQuery, MYSQL, JSON, SVN*** | |  | |
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