AADESH RANDERIA

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EDUCATION

Northeastern University, Boston, MA   Sep 2016 - Jun 2018
Master of Science in Information Systems (GPA: 3.73 / 4.0)
Related Courses: MEAN Stack Web Development, Web Design, UX Design & Testing, Web Tools, Cloud Computing

K. J. Somaiya College of Engineering, Mumbai, India   Aug 2010 - Jun 2014
Bachelor of Engineering in Information Technology

TECHNICAL SKILLS

Languages: JavaScript, Angular 2/4, TypeScript, ECMAScript 6, SQL, Python, Shell Script (Unix)
Web Technologies: HTML5, CSS3, jQuery, Node.js, JSON, REST API, Passport.js, LESS, SASS, AJAX, PHP, React JS
Frameworks: Angular JS, Express.js, MEAN, MERN, WordPress, Bootstrap, Foundation, Drupal, Shopify, Flask
Database: MySQL, MSSQL, Mongo DB, PostgreSQL, Oracle, PL SQL, Redis
Tools: AWS, GCP, Webpack, JWT, WAMP Server, Axure RP, Moqups, Balsamiq, Adobe Photoshop, Docker,
                             Grunt, Adobe Illustrator, Gulp, Git, GitHub, SVN, Postman, TravisCI, Toad Data Modeler

PROFESSIONAL EXPERIENCE

Northeastern University, Boston, MA *(Graduate Teaching Assistant)*   Jan 2018 - Present
- Conducted lab sessions and provided infrastructure support to students to run data science projects on custom-built platform

AdaptiveAlgo Systems Inc, Somerville, MA *(Full Stack Web Developer)*   May 2017 - Dec 2017
- Developed an interactive and dynamic website to ensure rich user experience and hosted it on AWS
- Created an application to run data science experiments on a custom-built platform using Mean Stack
- Incorporated features such as sending emails using nodemailer, search functionality, pagination, spinner, filtering and sorting
- Used docker to provide an environment and configure packages and dependencies of a data science project
- Generated dynamic data entry forms and exported entries of those forms in a CSV file
- Refined time zone issues amongst different platforms and browsers using Moment.js
- Integrated LMS to automate management and tracking of course work material and assignment submission of students
- Led in daily agile/scrum sprints and was also thoroughly involved in requirement gathering and analysis

Skarma Consultancy Pvt. Ltd., Mumbai, India *(Senior Web Developer)*   Apr 2016 - Jun 2016
- Managed and mentored junior developers on internal web functions and creation of websites
- Optimized size of images thereby reducing load time of websites by 40%
- Implemented features on website such as Custom Jury Scoring System, Social Sharing, Parallax, and Payment Gateway
- Integrated widgets to extract latest posts from social media sites, thereby increasing traffic of users on a website

Ajackus Consultancy, **Mumbai, India** *(Web Developer)*   Jun 2014 - Mar 2016
- Developed cross browser compatible websites which were compliant with web standards, tested on different browsers for any potential discrepancies and also made it responsive to provide user friendly experience on mobile devices
- Implemented infinite scrolling using AJAX, voting polls, geolocation functionality, RSVP for guests, sliders, accordions, flipbook, and pop-ups in websites of various domains, such as E-Commerce, Corporate, Events, Blogs, Sports and Weddings
- Performed Grunt to decrease total size of stylesheet file by 85%
- Created websites using frameworks, like WordPress, Drupal and Shopify to provide clients with user friendly CMS
- Carried out SEO strategies on websites to maximize traffic by improving page rank within search engines

PROJECTS

TODO Application *(AWS, GCP, Rest API)*   Sep 2017 - Dec 2017
- Developed a TODO application using Rest API, performed CRUD operations and deployed application on AWS and GCP
- Leveraged services like EC2, CodeDeploy, S3, DynamoDB, RDS, Route 53, Load Balancer, Lambda, CloudWatch and SNS
- Automated creation of cloud formation stack using shell scripts, deployment and testing was done by TravisCI and Postman

Mean Stack Application *(MongoDB, Express.js, Angular JS, Node.js, Rest API, Passport.js)*   May 2017 - Aug 2017
- Developed an end-to-end mean stack application implementing features such as social media login and provided authentication support using passport.js
- Integrated UI features like sorting and dragging using jQuery
- Implemented Flickr API to enable users to search for images, upload and store in a database using multer in node.js

Re-design of RSO Website *(Moqups, Balsamiq, Axure RP, Selenium)*   Jan 2017 - Apr 2017
- Revamped RSO website to overcome technical and functional flaws in a system and providing better user interface
- Created Personas and Storyboarding to understand need of a whole range of real users
- Developed wireframes using tools like Moqups and Balsamiq and created a completely working prototype using Axure RP
- Executed usability testing and automated functional testing using Selenium IDE