

AADESH RANDERIA

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EDUCATION

Northeastern University, Boston, MA

Sep 2016 - Aug 2018

Master of Science in Information Systems (GPA: 3.81 / 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, PHP, SQL, Python, Shell Script (Unix)
Web Technologies: HTML5, CSS3, jQuery, Node.js, React JS, Ember.js, JSON, REST API, Passport.js, LESS, SASS, AJAX
Frameworks: Angular JS, Express.js, Backbone.js, MEAN, MERN, WordPress, Bootstrap, Foundation, Drupal, Shopify, Flask
Database: MySQL, MSSQL, Mongo DB, PostgreSQL, Oracle, PL SQL, Redis, Elasticsearch
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 - Apr 2018

- 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
- Used docker to provide an environment and configure packages and dependencies of a data science project
- 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%
- Integrated Payment Gateway and widgets to extract latest posts from social sites, thereby increasing traffic of users on a website

TechCrat, Mumbai, India (*Freelancer*)

Feb 2015 - May 2017

- Created a well formatted time and cost estimate using a web-based project management application named Trello
- Developed websites and web applications in various domains, like E-Commerce, Corporate, Events, Blogs, Sports and Weddings

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 made it responsive to provide user friendly experience on mobile devices
- 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

Ticket Booking Application (*MongoDB, Express.js, Angular 4, Node.js, Rest API, Passport.js*)

Jan 2018 - Apr 2018

- Developed an end-to-end ticket booking application built on MEAN Stack that enables user to search, sort, filter, add to cart and purchase tickets for the events that are fetched using the Ticket Master API
- Implementing features like geolocation, PDF and CSV generation, social media login, authentication and authorization support using passport.js and sending emails on forgot password and successful registration

News App (*React.js, Node.js, Rest API, Express.js*)

Apr 2018 - Apr 2018

- Created a news application which fetches news articles from an external API vendor and displays them in web application

REST API Development for Medical Plans (*Node.js, Express.js, Rest API, Redis, Elasticsearch*)

Jan 2018 - Apr 2018

- Created a RESTful Web Service for medical plans using Node.js and Redis cache storage to perform CRUD operations
- Incorporated access authorizations for users using JSON Web Token specifications with full encryption and decryption method
- Utilized Kibana Server and Console for full text searching of indexed documents in Elasticsearch

JavaScript Spreadsheet (*JavaScript, ES6, HTML5, CSS3, Webpack*)

Feb 2018 - Mar 2018

- Created a Spreadsheet application like excel having features such as addition and deletion of row and columns, performing all the basic arithmetic operation on the cells, and exporting the cell entries into a CSV
- Used Webpack to bundle all JavaScript and CSS files into one file to optimize load time of web page and minimize size of assets

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

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
- 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