

RAGHAVENDER MYLAGARY

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EDUCATION

M.S - Computer Science , The University of Southern Mississippi, Hattiesburg, MS.	GPA: 3.9	May 2018
B. Tech - Computer Science , Jawaharlal Nehru Tech. University, Hyderabad, India.	GPA: 3.5	May 2015

SKILLS

Languages	: JavaScript(ES6), Java, SQL, C++, Python
React.js Stack	: React.js, Redux (Thunk & Saga), React-Router, Immutable.js, Styled-Components, Jest, Enzyme
Web Technologies	: HTML5, CSS3, Bootstrap, WebRTC, AJAX, Spring MVC, Node.js, Express, SocketCluster, GraphQL
Databases & Technologies	: Oracle SQL, MySQL, Mongo DB, CouchDB, IBM Bluemix, AWS, MPI, OpenMP, Agile methodologies
Frameworks & Tools	: Git VCS, Webpack, BIRT, JIRA, Trello, Maven, Visual Studio Code, Eclipse, Blender

PROFESSIONAL EXPERIENCE

The University of Southern Mississippi, Hattiesburg, MS	Aug 2016-May 2018
Graduate Assistant	<i>React.js, Redux, Java, Babylon.js</i>

- Solved Construction domain problems with Computer Science knowledge using modern web technologies
- Developed Research tools with Single Page Web Applications (SPA) and Java technologies
- Saved costs by replacing device dependent desktop applications with web applications
- Developed 3D models for buildings to render on Web pages by 50% faster using Babylon.js

Accenture Solutions Pvt. Ltd., Hyderabad, India	June 2015-May 2016
Associate Software Engineer	<i>HTML5, JavaScript, Java, Spring, MVC</i>

- Worked as a full-stack developer, participated in coding, OO design, database & server maintenance, troubleshooting and debugging. Collaborated with clients on an agile platform.
- Reduced customer churn of Sprint Telecommunications by developing web applications
- Increased the site traffic by scaling the applications among multiple nodes
- Reduced testing team workload to 30% by developing Java Tools

OpenText Technologies Pvt. Ltd., Hyderabad, India	Jan 2015-June 2015
Software Developer Intern	<i>HTML5, JavaScript, Java, JSP, BIRT</i>

- Reduced company costs by replacing the third party BI tool (BIRST) with newly acquired BIRT product
- Successful in Integration of newly acquired product BIRT with OpenText Process Suite
- Developed interactive dashboards and reports using BIRT to determine business performance data for smarter decisions
- Worked in an Agile environment with product managers and owners in different global locations

PROJECTS

Video Chat Application WebRTC, HTML5, CSS3, JavaScript, React.js, Redux-Saga, React-Router	Spring 2018
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- Developed a web-based application for online teaching purpose which supports different devices
- Single Page Web application with features like screen-sharing, chat and file-share among multiple users

IFC Generator for BIM React.js, Redux, HTML5, CSS3, JavaScript, Sheet.js, D3.js	Fall 2017
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- Single Page Web Application which uses Berkley Comfort algorithm to find comfort temperature for different buildings
- Generates IFC (Industry Foundation Classes) file with comfort and maintenance data which can be rendered as 3D model

Personalized Q&A Web Recommender System MongoDB, Node.js, React, JavaScript	Fall 2017
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- Achieved 76% precision (user-expectation vs result) by a personalized web recommendation engine.
- Built the Rest APIs for and employed server-side rendering for React JS.

React Applications React, Redux, JavaScript, node.js	Spring 2017
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- Developed a web-based video-streaming site with search functionality using YouTube-API and React.js
- Built a GitHub search application to list repositories of users using GitHub-API.

Car Pooling Web App Java, JSP, Servlets, MySQL, JavaScript	Fall 2016
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- Lead a team of 4 for developing online carpooling application and voted 1st best of 15 teams.
- Designed the system, database architecture and Implemented role-based (user, admin) security access and authentication.

RSI Hackathon Java, JSP, HTML, CSS, MySQL	Spring 2017
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Improved security for Animal Shelter organization by replacing manual paper visitor track with an online web application by developing the user interface and back-end to maintain visitor logs.