BHARGAVI NARAYAN BHAT
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EDUCATION

UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE, CHARLOTTE, NC
Master of Science, Information Technology   GPA: 3.25/4.0   *Aug 2017 – Dec 2018*
Coursework: Knowledge Discovery and Databases, Network Based Application Development, Cloud Data Storage, Algorithms and Data Structures, Big Data analytics for competitive advantage, system Integration, Principals of information security and privacy, Human-computer Interaction

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Bangalore, India
Bachelor of Engineering, Information Science   *June 2012-June 2016*

TECHNICAL SKILLS

Front-end web interfaces- Vanilla JavaScript, HTML, HTML5, CSS3, NodeJS, JDBC, EJS, JSON, XML, PL/SQL, Mongoose, AJAX, HTTP, LESS/SASS, Redux, API, CSS Modules, ES6, DOM manipulation, design patterns, command line, REST
UI component frameworks – Semantic UI React, Element React, Material UI React
Front-end development tools- Webpack, Grunt, NPM, Yarn, Browserify, Babel
Front-end JavaScript frameworks- AngularJS, React JS, express, jQuery, Vue JS
Unit Testing Platforms- JUnit (Unit Testing framework), Jest, Selenium, Mocha
Databases- MongoDB, SQL, PL/SQL, NoSQL, Oracle 11g
Tools- JIRA, Confluence, Git-hub (modern version control flows), Bitbucket, AWS (S3, EC2), Source Tree
Containers- Docker

WORK EXPERIENCE

UI Developer, Telepathy Labs   January 2019 - present
1. Translated user stories and wireframes to react components with the help of redux for state management and developed desktop applications out of it.
2. Refactored the entire code base from class-based react components to functional based react components using the concept of hooks, context providers, props de-structuring etc.
3. Successfully implemented a library of user-interface react components using react UI component frameworks such as material-react, semantic react, element-react.
4. Implemented CSS in JavaScript for a react project using styled components and SASS
5. Implemented testing for react components using JEST
6. Good knowledge of Rest API and worked in an agile development methodology
7. Proficient in HTML5, CSS3, jQuery, JavaScript ES6 and hands-on knowledge on tools like git, bitbucket, Sourcetree, JIRA and confluence

Front end Developer Intern, Biolab (Docduc)   *June 2018 – August 2018*
1. Integrated emoticons feature for the chat-application using react-redux, emoji-picker library
2. Refactored existing React code for better performance and optimization purpose.
3. Created wireframes and worked on advanced prototyping tools, InVision and AdobeXD as a part of the User Experience.
Technologies- React-Redux, JavaScript, AJAX, Selenium, InVision, AdobeXD, Linux, Continuous refactoring, Modularity

Associate Software Engineer, Tech Mahindra   *2016-2017*
Tech Mahindra Limited – Successfully completed ELITE technical training in Business Intelligence - Big Data stream

RESEARCH EXPERIENCE

Research Assistant at UNC Charlotte: Full stack Developer *September 2018 – December 2018*

Developed a web application that connected microcontrollers (ESP8266) to a node.js server. The web app captured the real-time data from the microcontrollers and it allowed a user to alter the state of the data from the user-interface

Technologies: Node.JS, C, Socket.IO, HTML, CSS, JQUERY, JavaScript

TECHNICAL PROJECTS

1. **Portfolio App**   using SASS, React-Redux, CSS, HTML5
2. **Chat room – A chat app developed using React, redux, web socket, redux saga, Node.js server:**
3. **Meetup organizer – A web app developed using Vue.js, Vuetify, Vuex and firebase.**
   Users can explore and register for meetups. Users can create new meetups, which includes a title, image, time, date and a nice description.
4. **Reserve a study room- A web app developed using servlets, JS, MySQL, JSP, jQuery, HTML, AWS**
   It's a web application to reserve a study room in library. Registered users can book a study room for 30 minutes. Users can also edit/cancel their reservations. Deployed the MVC application on AWS.