Bhagya Kasturi
Full Stack Developer
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SUMMARY
- Full Stack web developer able to build sophisticated web applications all the way from mockup to rollout.
- 1 year of programming experience, working on frontend, backend as well as databases.
- Adept at working with diverse teams to implement projects.

TECHNICAL SKILLS
- React.js, Redux, React DnD, React Router, Redux Thunk
- Material UI, JavaScript, JQuery, AJAX, JSON
- Python, Node.js, Express, Sequelize, Mongoose, Passport Auth, Rest APIs, Request, Inquirer
- MongoDB, MySQL, Firebase, SQL, Oracle
- Bootstrap, Materialize CSS, HTML, CSS
- Git, GitHub, JIRA, Webpack, NPM, React/Redux dev tools, Trello, Enzyme, Mocha, Chai, Unit Testing

WORK EXPERIENCE
Asuragen, Austin, TX   April 2017-Present
Developer/ Analyst
Asuragen is a global molecular diagnostic products company, which manufactures diagnostic kits for Genetics and Oncology applications. These kits include the software developed in-house for detecting the mutations.
  Converted existing Jinja template based UI to React/Redux based UI
- Analyzed the existing UI code and broke it down into React components.
- Used Redux store to manage the state of the application.
- Wrapped some non-React based code, for example - Webix data table and Quora plots in React components.
- Converted the application into Single Page Application.
- Added drag and drop feature for tabular data.
- Used many component libraries – Material UI, React DnD, Redux-Thunk
- Added API functions and fixed bugs in Python based backend.

Technologies used: *React, Redux, Thunk, Material UI, React DnD, Webix, Python, PostgreSQL*
Environment used: *Linux/ Ubuntu, Windows, Git, JIRA*

PROJECTS
Book Club (The Coding Bootcamp at UT, Austin, TX)   2017
Full Stack Developer
This is a single page app to help manage the logistics of running a neighborhood book club. The members take turns to host the book club events. The main functionality includes registering to become a member, adding events, books, rsvp to events, rating books and posting news.

Technologies used: *React, Redux, Thunk, MySQL, Sequelize, Node.js, Express, Multer, Passport, JWT, Bcrypt, MaterializeCSS, CSS, HTML*
- https://github.com/bhagya88/Bookclub_React
- https://bookclub-novella.herokuapp.com

Goto-Forum (The Coding Bootcamp at UT, Austin, TX)   2017
Full Stack Developer
This is a reddit like forum where users can post information or comment on the existing posts.
The user can navigate between different forums and go to any forum.

Technologies used: *React, Redux, React Router, Redux-Thunk, MongoDB, Node.js, Express, Mongoose, Passport, fetch, Materialize CSS*
- https://github.com/bhagya88/goto-forum
- https://goto-forum/herokuapp.com

React News (The Coding Bootcamp at UT, Austin, TX)   2017
Full Stack Developer
This application scrapes articles from web, stores them in database and fetches them where users can write notes while reading articles. They can delete the notes and write new notes and navigate to different articles.

Technologies used: *React, Redux, Thunk , MongoDB, Mongoose, Node.js, Express*
- https://github.com/bhagya88/ReactNews
- https://react-news.herokuapp.com

Bootcamp Calendar (The Coding Bootcamp at UT, Austin, TX)   2017
Full Stack Developer
This is a drag and drop calendar developed for 'The coding Bootcamp at UT Austin' for scheduling curriculum.

Technologies used: *MySQL, Node.js, Sequelize, Passport- Github Strategy, Express, Full calender.io JQuery Plugin, JQuery, JavaScript, HTML5, MaterializeCSS, CSS3*
- https://github.com/bhagya88/bootcamp-calender
- http://bc-cal.herokuapp.com

EDUCATION
Full Stack Web Development Program - The Coding Bootcamp at UT Austin, 2017
Sun Certified Java Developer
Bachelor of Technology in Electrical and Electronics Engineering - JNTU, Hyderabad, India.