

Achintya Chandwani – 4th year Computer Science

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TECHNICAL SKILLS

Languages

- JavaScript
- Python
- Java
- C/C++

Platforms and Frameworks

- Node.js
- React
- Mongo
- Express
- Mocha
- JUnit

WORK EXPERIENCE

SAP Labs Vancouver, BC

January 2018 – December 2018

Agile Developer Intern (SAP Analytics Cloud)

- Rebuilt the team's API automation framework using Java and JUnit to make it more scalable
- Reduced bi-weekly regression test by 3 hours for the team by automating a significant number of manual regression tests
- Automated bi-weekly data preparation on Jenkins, such that it can be done with a click of a button
- Successfully conducted a retrospective meeting which led to a knowledge transfer session for a feature most of the team was not familiar with earlier
- Decided for the team on a daily basis on the kind of build acceptance tests to run
- Optimized the team's Jenkins by reducing the number of Jenkins jobs by over 50%

PROJECTS

Tagify – Tag songs in your Spotify library (Full Stack Web Project)

August 2019

React, Redux, Node.js, Mongo, Meteor

- Implemented user authentication for the web app with Spotify including re-routing to the homepage after successful login
- Created REST API endpoints on the server to make and process requests to Spotify's API
- Rendered user's songs fetched using the above endpoints on the Homepage
- Created functionality for generating a playlist from a few selected tags
- Created a Dynamic Search Filter for filtering user's songs
- Implemented the Search Page to search and tag songs not in the user's Spotify library

Todo List – A simple full-stack todo list (Full Stack Web Project)

July 2019

React, Redux, Node.js, Mongo, Express

- Created a multi-page front-end using React + Redux
- Created back-end using Express + Node and used redux-thunk to process asynchronous calls from the client to the backend
- Linked application to MongoDB to store the items of the todo-list
- Deployed the application to Heroku (todo-list-mern.herokuapp.com)

Bot to register for a courses at UBC if a spot frees up

June 2017

Python

- Built a python bot using the requests module that constantly checks a specific course and section for an available spot and registers if one opens up
- Applied regular expression search patterns to look for particular strings in order to get the number of available seats

EDUCATION

The University of British Columbia
Bachelor of Science – Computer Science

Expected May 2020