Kumar Umed Rajawat

✉ umedrajawat26@gmail.com   📞 8310241212   in linkedin.com/in/umed-rajawat-5b4268129/   📅 02/07/1998

○ www.github.com/umedrajawat   ⚑ umedrajawat.github.io/umedrajawat/

Education

BMS COLLEGE OF ENGINEERING, *B.E*
2016 – 2020 | Bangalore, India
CGPA - 8.12

ST. MICHAELS HIGH SCHOOL, *12TH*
07/2014 – 03/2016 | Patna, India
Percentage -84%

DELHI PUBLIC SCHOOL, *10TH*
04/2002 – 03/2014 | Patna, India
CGPA - 9.2

Professional Experience

KICKDRUM TECHNOLOGY, *Full Stack Developer*
01/2020 – 09/2020 | Bangalore, India

- **Notes-Audio Sync Tool**
A distributed notes-audio sync tool that allows for real-time, simultaneous note-taking by multiple users to be synced to audio recordings across multiple sessions on **Google Docs**. User can seek to any point in time of the recorded audio by clicking on any word and can also share recorded audios along with the Google doc.
  - created the UI of the extension using **React.js**
  - created an audio player from scratch to play, pause seek in audios recorded during meeting, and stored in **AWS S3**.
  - gave audio recording functionality for audios coming from all input/output devices from different tabs on the chrome browser when the user starts a recording for a document.
  - implemented **multipart-upload** of audios directly from the client to AWS S3.
  - created a **WebSocket** connection through **AWS API GATEWAY** to create a connection when a document is loaded and store details in **DynamoDB**.
  - implemented an API to keep track of synced data from google doc in the database.
  - Worked extensively on React.js, Node.js, AWS services, building REST APIs, **Chrome APIs** and building serverless architecture during my internship.
- **PE-Tool**
Worked on creating multiple scripts to automate installation of multiple tools such as Sonarqube, Sonar Scanner, Whitesource, SSC, Git-Hammer, Git-Quick-Stats, Hercules etc into an AWS EC2 instance using user-scripts.

Skills

Languages *(JAVA,Javascript,C,C++,Python)*

Backend *(Node.js, Express.js, Socket.io JAVA, Hibernate, Spring Eco-system, JDBC, SQL, REST APIs,)*

Frontend *(React.js,Html, CSS,SASS,Javascript)*

Cloud Technologies *(AWS Lambdas, AWS IAM, SNS, AWS Cognito, Amazon S3, EC2, DynamoDB, AWS CodeBuild, AWS CodePipeline)*

Data Structures and Algorithms ● **Git version control**

Chrome Extensions Development *(Google Drive APIs, Chrome APIs)*

MongoDB ● **RDBMS** ● **MediaStream Recording API**

Agile Methodologies

Awards

Ethical Hacking - 4th position, *Tech Vridhi (National Level)*
2017

CIVIC FEST-3rd Position, *CIVICFEST*
2014

Interests

- Watching and playing football and cricket
- Travelling and discovering new places

Projects

WORDPRESS-BLOGS-VIEWER,
Tech Stack - React.js, Node.js , Wordpress APIs
10/2020 – 10/2020
- It aims at helping users in accessing all blogs, tags, categories related to a particular WordPress site.
- The user has to enter the WordPress site id followed by which multiple blogs will be displayed associated with that site and on click of any of the blog will render the contents of the blog along with recommendations for similar blogs as well as tags and categories associated with the blog.

UPI 2.0,
Tech Stack - Node.js, Express.js , MongoDB ,Mongoose.js , AWS S3
07/2020 – 08/2020
- Created multiple APIs that allows user to create a UPI account and login into his account using JWTWebTokens. All APIs are hosted on AWS EC2.
- User can upload their passbook.csv file using an API to the AWS S3 bucket.
- The server will read the data from the CSV file and will update the user's current balance, monthly average balance, and credit balance and store the data in MongoDB.
- The user can perform multiple logins and logout.
- The user can also update their email and password.

MOVIE RECOMMENDATION SYSTEM WITH MODEL EXPLAINABILITY, *Tech stack- Python,surprise,Cosine Similarity*
01/2020 – 06/2020
- Model aims to recommend movies to users based on user-movie(item) ratings.
- Given a set of users with their previous rating for a set of movies, we can predict the set of movies the user would like to watch along with the reasons for the recommendation.

CHATBOT APPLICATION SYSTEM, *Tech Stack-node.js,html,sass*
02/2020 – 02/2020
- A chat Bot application that supports bidirectional communication amongst users along with responsive design using Node.js

INMEMEORY CACHE, *Tech Stack-Java , JDBC, Google Map API*
01/2020 – 02/2020
- Created a Java application that converts a given location's address to the corresponding latitude and longitude using **Google Map API.**
- Stores the lat-long in database and implemented an InMemory Cache for faster access to the recently accessed locations.

CLEANING SOCIETY WEBSITE, *Tech Stack- React.js,AWS S3*
01/2020 – 01/2020
- Created a static website using React.js with responsive design for all devices and deployed using AWS S3.

SENTIMENTAL ANALYSIS ON ENGLISH - HINDI MIXED TEXTS, *Tech Stack-Python,Support Vector Machine Algorithm*
08/2019 – 12/2019
- This model aims at taking inputs in English-Hindi mixed texts and find the polarity of the statement and help in collecting feedback from users on basis of polarity.

Technical Trainings

The Complete Node.js Developer Course
Certificate No : UC-c586bd51-d079-4305-a4b3-a437425ef8da

Spring & Hibernate for Beginners (includes Spring Boot)

React - The Complete Guide (incl Hooks, React Router, Redux)

Learn CSS & PHP designing bundle

Become Android developer from scratch

Extra and Co-Curricular Activities

School volleyball team

Bihar Handball Team