Helan Jose

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SUMMARY

A dynamic, highly motivated and results-oriented full-stack web developer with a background in web development. One year experience in software field. Passionate about creating efficient and engrossing user-friendly applications, skilled in React, JavaScript, Bootstrap ,Materialize CSS, Node js, python C, C++, mongo db and SQL. Strong engineering professional with a Master of Computer Application (MCA) focused in Computer Science. Recently graduated from University of Washington in Full stack Web development Bootcamp.

CORE TECHNICAL COMPETENCIES

- JavaScript, jquery, React.js, jquery, CSS, Materialize CSS, HTML, Bootstrap
- Java, C++, C, node.js, express, express-handlebars, sequelize, PHP
- Python, sql, MongoDB

PROFESSIONAL EXPERIENCE

Software Developer   2016 Nov – 2017 Jun
ProEmTech inforsystems Pvt Ltd, Bangalore, India

- I created a web application for a hospital to manage online appointments. This web application automated the entire manual process hospital was following for years. The web application improved patient satisfaction as it provided more convenience.
- I created a patient portal for patients to keep track of their medical records. This reduced the need for hard copies of medical reports.
- Designed user friendly UI for existing ProMed Application suite.
- I created REST APIs to collect Doctor's professional experience, education, specialization and available slots for patients.
- Develop and support Java Application - ProMed application suite (ProEmTech Infosystem pvt.ltd)
- Requirement gathering from End Users and develop the solutions.
- Liaised with client to understand the issues faced by the users and adopted various methods to address those issues in the ProMed application suite
- Integrated the ProMed application suite to other third-party hospital management system through adopting FHIR system
- Worked on Patient Profile Diagnostic Results and Analytics and resolved issues raised by users
- Healthcare Domain Knowledge

Python Developer Trainee   2017 Jul – 2017 Nov
CYBROSIS Technologies Pvt Ltd, Calicut, India

- I worked as a python trainee
- I worked on bug fixes and enhancement requests.

EDUCATION

Full Stack Web Development Boot Camp (6 months), University of Washington, WA   Sep 2019
Course: JavaScript, JQuery, Bootstrap, Express.js, node.js, react.js, mongodb, html5, css3, mysql

Master of Computer Applications(3yr), Rajagiri College of Social Sciences, India   Mar 2017
Course: Data Structure, Algorithms, AI, Data Mining, Networking DBMS, Computer Networks

Bachelor of Computer Applications(3yr), Mar Augusthinose College, India   Jun 2014
Course: Software Engineering, Microprocessor, C, C++, Java, PHP

PROJECTS

Second Time Around (MERN Application):   Aug 2019

Second Time Around is a MERN application designed as a space for users to donate and collect donated items. I designed this application from my personal experience where the existing apps like Craigslist is not visually appealing. I have enabled google and Facebook authentication. Each user has a user profile created where they can see their activity history. The user has an option to delete the post he/she created. All the donated items with their images, address along with google maps, posted timestamp are displayed in the home screen. Whenever a user claim an item, they will get a mobile message, alerting that the order is confirmed and the pickup date deadline. All items posted will be auto deleted after 5 days. All the items that are claimed, but not picked up within the deadline will be back in the home page so that other people can claim it.

- The application is developed using react, and database is MongoDB.
- Cloudinary is used for storing images.
- Webcam functionality is implemented using React Webcam npm package.
- The mobile messages are implemented using Nexmo.
- The application uses Rest APIs to handle the user requests from browser.

BackPacker: Jun 2019

Backpacker is a trip advising website with similar features as Triviago or Expedia. It includes Top attractions, Hotels, and Transportation. The application works well for both hard core travelers and occasional travelers. Top attractions page provides the most famous places and wide variety of eatery. Transportation page allows you to search for a flight based on the dates, and allows you to book the tickets. From hotel page a user can search for hotel in a specific area and the results contain hotels with rating and amenities.

- I used Materialize CSS for UI. JavaScript is used for backend coding.
- Hotel information is collected using YELP and FourSquare API is used for Top attractions.
- For transportation I have used Kayak API to collect the Flights information and display it in the front.

Adopting FHIR in MIRepo for wider interoperability: 2017

The project "Adopting FHIR in MIRepo for wider Interoperability" provides interoperability to MIRepo using a latest standard called FHIR (Fast Healthcare Interoperability Resources) developed by HL7 organization.

- MIRepo is an online patient portal which follows HL7 Version2 standard for exchanging data between Electronic Health Records (EHR) Systems. MIRepo provdes wide range of services like e-Prescriptions, medical & investigation reports, online appointments etc. MIRepo Sync and ProMed Sync are sync software which allows interaction between ProMed and MIRepo.
- Online appointment module is created using PHP. The module provided functionalities like chose a preferred doctor, available time slots and payment using razorpay.
- Data platform is designed in MySQL.
- This project is done in CodeIgniter frame work which follows MVC concept.

RushEd: Jul 2019

RushEd is a Web Application which can fill the gap in the decision-making process for young people choosing their next steps, and help them stay on track. This website gives details of top accredited colleges in your city. For clients who already have an idea about the course they are going to attend, can search top jobs and salary for a particular course. Also providing facility to find internships and certification courses available based on city or state.

- Website is created using handlebars template.
- For location finder module, Google Geolocation is used as API
- U.S. Department of Education (college score card) API used for getting Top Accredited colleges in a particular city.
- usajobs.gov API is used for finding the job openings and salary on the course they chose.
- careeronestop.org Web API used for getting the certification and internship available for a particular field based on City, State.