Rammanoj potla

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SUMMARY

A passionate full stack web developer with a proficiency in a variety of languages and frameworks for web development. Aiming to use my Knowledge in programming and web development.

EDUCATION

Schooling: New vision Concept school (Khammam, India), 2004 – 2014

CGPA: 9.8

Intermediate : Narayana Junior college (Hyderabad, India), 2014 - 2016

Qualifying Percent: 97.2

B-Tech: Currently pursuing B-Tech at Amrita University in computer Science,

(Amritapuri , Kerala), 2016 - 2020(estimated)

Current CGPA: 9.5

PROJECTS

Home Automation and Security

○ It is a IOT and web based project. In this project we used a nodemcu esp board to serve the purpose. The main idea of the project is to control all the electrical appliances of your house using the mobile or website, along with a bit of security(by determining fire, smoke etc).

○ Each user will be given with an account and all switches in the home can be added by the user. Whenever he updates any switch, there will be a http request to the esp board in their house, through which their switches can be controlled. Along with that it is also possible to control the devices like television and AC (through the IR sender).

○ **Languages used:** C, JS, Java, html, css

○ **Link:** https://github.com/akhil117/IOT

Student ERP system

- ○ The project mainly focuses in developing communication between teachers and students and also manages the performance, marks and other activities of the students. It provides an interface for students, teachers and parents for managing tasks.
- ○ **Languages and Frameworks:** HTML, CSS, BOOTSTRAP, PHP, JQuery, Javascript
- ○ **Link:** https://github.com/rammanoj/School-ERP-System

Musico application

- ○ Musico is an online cloud music and video streaming application. This app enables custom access to different albums and songs. User can upload new content on to the cloud and this content can be streamed by all users
- ○ **Languages and Frameworks:** HTML, CSS, BOOTSTRAP, Django, JQuery
- ○ **Link:** https://github.com/rammanoj/musico

Mediawiki Project

- ○ Mediawiki is a free and open source project. Worked with various bugs and projects across the extensions such as PDF handler, Pageforms, etc. Also worked with the Vector skin currently used by Mediawiki. Worked with project WDQS(wikidata query service). Fixed many issues in it.
- ○ **Link:** Gerrit

Shopping Cart

- ○ Shopping cart with basic features is implemented through which the users can view, buy and search the items. This is a front-end application that uses AngularJS for logging the users in.
- ○ **Languages Used:** HTML, CSS, AngularJS, JS, Bootstrap
- ○ **Link:** https://github.com/rammanoj/Shopping-cart

Student diary

- ○ Student diary mainly tracks all kinds of works (such as Academic, Achievements, sports etc) of the students of any institution. These are accessed by their corresponding teachers.
- ○ **Languages Used:** Java
- ○ **Link:** https://github.com/rammanoj/Student-Diary

INTERNSHIPS

- **Intern at office of communications,** Amritapuri: Designed a portal to handle their data. As Amrita is a main organisation and it has many sub-organisations in it. There is a need of many files to be shared one among other. The files may include any cader such as images, pdfs, videos, docs etc. I have built a directory system, so that every organisation is represented by one directory and it has sub directories in it describing the sub organisations in it. In the leaf folder the files can be uploaded. There can be admins and they allocate all the other users with certain permissions. I has a automated mailing system confirming the successful upload and files to upload along with the open Authentication platform.
- **Intern at Amrita University(presently ongoing):** Amrita University has a IAS academy in it, that require a exam portal to manage the information about students, thier marks and also to conduct the exams and publish the results. Designing the API to handle it. The API is being designed in Django. It also need the statistics of the student in a particular topic, particular subject etc. So that they can easily determine level of each student.

TECHNICAL SKILLS

Languages: C, Java, HTML, CSS, JS, PHP, Python, Node JS (Beginner)

Frameworks: Django, Jquery, AngularJS (intermediate), Bootstrap

Operating Systems: Windows, Ubuntu, Debian

CERTIFICATIONS

- Certified for the Python workshop conducted at Amrita University
- Certified for Amritavarsham 63

WORKSHOPS

- Attended Drupalaton 2017, hosted Drupal locally and worked with building small sites using it.
- One of the organisers at "Learn to code" Workshop at FOSS@Amrita.
- Trained the students in Web workshop 2018 at Amrita University, introduced them to web and taught them Django, AngularJS etc other frameworks.

OTHER WORKS

- Trainer in web development at Unacademy
- Played Bandit, a wargame for beginners.
- Solved few problems and participated in few contests at excercism.io in python and other sites such as HackerRank, CodeChef, codeforces.