

SAI TEJA REDDY DEVARAPALLI

Matrusri Engineering College,
Hyderabad, Telangana, India.

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OBJECTIVE:

To pursue graduate studies in computer science and engineering, leading to a career in research. I am interested in computer vision and machine learning.

EDUCATION:

Matrusri Engineering College Hyderabad, Telangana, India	2015 - Present
Computer Science And Engineering	
Sri Chaitanya Junior Kalasala Vijayawada, India	2013 - 2015
Std XII,Board of Intermediate Education	
Narayana e-techno School Kodad, India	2011 - 2012
Std X, AP Board Of Secondary Education	

TECHNICAL SKILLS :

- Ø Languages: **Java, PHP, C, C++.**
- Ø Web Development: **HTML, CSS, NodeJS, Javascript, Jade, AJAX, JQuery.**
- Ø IDE’S: **Intellij, Android Studio, Vim Editor, Visual Studio, Netbeans.**
- Ø Hardware: **8085 & 8086 assembly language.**
- Ø DBMS: **Oracle SQL, MYSQL, MongoDB.**
- Ø Others: **MS-Office and Adobe Photoshop.**
- Ø Operating Systems: **Macintosh (MacOS), Linux, and Windows.**

ACADEMIC WORK EXPERIENCE :

AppPartner (Android)

- Developed a well designed frontend and backend for the android application.
- *It involves a basic demo for login.*
- *retrieved data(images and messages) and displayed in the application in the form of a chat layout.*
- *Picasso is used to get the image from its url.*
- *login and retrieving of messages is done with retrofit2.*
- *References: <http://saitejareddy.com/AppPartner> (Download APK File).*

Home Automation Using Mqtt server with Android control (C++ & Android)

- Build a hardware system to control home appliances using a microcontroller (Arduino Wemos D1) which had an inbuilt wifi module (**ESP 8266**).
- you can control your home appliances from anywhere in the world with this project.
- The microcontroller is programmed to connect to the local wifi router to use the internet and connect to **MQTT server** by making itself(Microcontroller) as an MQTT client.
- Developed an **Android** application with sample buttons which can indicate the status of the home appliances by its color.
- Multiple users can control the Home Appliances with this android application at a time as it is using MQTT server.
- Demo video: https://www.youtube.com/watch?v=an_EOYu4PG4&t=3s

Forum (NodeJS and MongoDB)

- Build a **Forum web Application** with authentication module and also allows to add posts ,comments to the posts.
- Developed a module for login and registration purpose using **express-sessions** a very popular session module from **NPM modules**.
- It provides an interface to create posts which are directly stored into database (**MongoDB**) using **mongoose.Schema** and this post is assiged with the username directly with the help of session variable.
- Data(**Posts & Comments**) is retrieved from database using **MongoDB shell commands** in NodeJs.
- Front end is developed with **jade, CSS, javascript and AJAX** call is also used for scrolling task.
- References : <http://www.saitejareddy.com:3000>

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Bloodbank Web Application (HTML, CSS, PHP, JavaScript, AJAX, MYSQL)

- Blood bank web application will offer you to know the contact details of person with the blood-group which you need.
- Developed a module for login and registration purpose using **PHP** as a server-side scripting language.
- Front end is developed with **HTML, CSS, JavaScript**.
- Data retrieving is handled by **AJAX** call.
- References : <http://www.saitejareddy.com/Bloodbank/>

Medical Managment System - Web Application (HTML, CSS, PHP, JavaScript, AJAX, MYSQL)

- This web application is for buying medicine in online.
- It has a login page for authentication and also you can add medicine to the cart for easy shopping.
- Developed a module for cash on delivery where you can add your address for home delivery.
- Developed a module for admin user to update the stock of the medicine.
- Front end is developed with **jade, CSS, javascript and AJAX** call is used while searching medicine
- References: <http://saitejareddy.com/MedicalManagementSystem/>

EXTRA ACADEMIC WORK EXPERIENCE :

Facebook Login Page (HTML, CSS, JavaScript, PHP)

- This page just has a front end of the facebook login page.
- Front end is developed with **HTML, CSS, and JavaScript**.
- Developed a sample login with **PHP**.
- References: <http://saitejareddy.com/fbPage/>

Twitter Login Page (HTML and CSS)

- This page just has a front end of the facebook login page.
- Front end is developed with **HTML, and CSS**.
- References: <http://saitejareddy.com/twitterPage/>

SCHOLASTIC ACHIEVEMENTS :

- Secured a rank of 10900 in the Telangana Eamcet.
- Received a gold medal for school first in International Mathematics Olympiad(IMO).

OTHER ACTIVITIES & INVOLVEMENT :

- Received a merit certificate for excellence in Hadoop and Big data the mega competition won the 1st position at CVR college conducted by Robokart and innovation cell (IIT BOMBAY).
- Received a merit certificate for excellence in coding skills, the techno ladder event ,won the **2nd prize** and the cash amount of Rs.1000/- at Matrusri engineering college dated on 28th oct 2017.
- Participated in a two-day workshop on advanced cybersecurity and its attacks conducted by Sytech labs.
- Attended seminars on employment skills and artificial intelligence and completed workshops on Aptitude & logical reasoning and internet of things conducted by skillfirst Digital Pvt. Ltd. & Teleuni Pvt. Ltd.