

Parth Manaktala

Systems Engineer - TCS



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<https://pmanaktala.com>



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Skills

Chatbot(Amazon LEX)

Web Development

Amazon Web Services

App Development

Programming

Detailed Skills

• Web Development

HTML CSS

JAVASCRIPT PHP

ANGULAR JS

NODE JS MYSQL

• Amazon Web Services

AWS LAMBDA

DYNAMODB IAM

AWS API GATEWAY

AWS COGNITO

• Programming

C/C++ JAVA

PYTHON

• App Development

REACT NATIVE

SWIFT

• Others

LATEX GITHUB IOT

AWS LEX

Projects

Smart Library

Smart Library is a full stack IoT project which aims in changing the traditional Library Management Systems.

Technologies Used

- Front End - HTML, CSS, JavaScript, AngularJS
- Back End - Serverless using AWS Lambda, API Gateway
- Database - DyanmoDB
- Mobile App - React Native(Android & IOS)
- Hardware Used - Raspberry Pi, RFID Reader(MFRC522), Arduinos

Github Links

- IoT and Website - <https://github.com/iampm11/Smart-Library.git>
- React Apps - <https://github.com/iampm11/Smart-Library-ReactApp.git>

Warehouse Stock Management System

Warehouse Stock Management System is an IoT project for managing the Warehouses incoming and outgoing efficiently.

Technologies Used

- Front End - HTML, CSS, JavaScript
- Back End - Python,PHP
- Database - MySQL
- Hardware Used - Raspberry Pi, RFID Reader(MFRC522).
- IoT - <https://github.com/iampm11/IOT-RFID.git>
- Website - <https://pi.pmanaktala.com/main.html>

Smart Procurement Portal

Working as an intern at TCS, we developed a Smart Portal using serveless framework that could ease the work of the client. The serverless framework was achieved using AWS API Gateway and AWS Lambda. The database used was DyanmoDB and we also deployed a chatbot using AWS Lex. The front end was HTML, CSS and AngularJS. The website could be accessible without any server needed.

Websites

1. P-Memories - A website for creating a Photographic Memories. Allow users to upload photos and caption about it and keeps them safe.
Website link - <http://pm.pmanaktala.com/>
2. Itassociation - A website for the departmental organisation in SRM.
Website link - <http://itassociation.in/>
3. PokemonGo SRM - PokemonGo is a online game that is played by millions of people. Using AngularJS, and PHP, created a website through with others can view and share the trainercodes and in game names with each other. Currently limited to SRM only.
Website link - <https://pokesrm.pmanaktala.com/>
4. Personal Resume - A personal online resume.
Website link - <http://pmanaktala.com>

Other Projects

1. **TicTacToe - IOS** - An ios application using swift that implements tic tac toe logic. Currently under development. Yet to add programming logic.
Github Repo - <https://github.com/iampm11/IOS-TicTacToe.git>
2. **TicTacToe - Java** - A swing application that implements tic tac toe logic.
Github Repo - <https://github.com/iampm11/TicTacToe.git>

Social Media Links



iampm11



pmanaktala



Parth



iampm11



pm.1105

Education

- 2015 - 2019 **B.Tech. Information Technology** SRM-IST KTR
Completed my 8th semester of B.Tech with a percentile of 86.87%. CGPA - 8.51
- 2013 - 2015 **Class 12 - CBSE** SNSPS, Yamunanagar
Completed my class 12 in Science Stream with a score of 83.2%
- 2013 **Class 10 - ICSE** St. Thomas Jagadhri
Completed my class 10 in Science Stream with a score of 84.1%

Experience

- Intern **Tata Consultancy Services** January 2019 - March 2019
Used serverless framework to build an interactive procurement portal.
Technologies used : AWS Lambda, API Gateway, DynamoDB, AWS LEX and AWS Cognito
- Trainee **Nuage Device Management Pvt. Ltd**
I learnt basics of IOT and built a project to control LED wirelessly using Raspberry Pi.
Technologies used - OpenHab, Python and IoT

Certification, Courses and Awards

- Microsoft Technology Associate - HTML5
- Web Development Training - IBM
- School Rank 2 in NSO