

# THOTA SHANMAI

## Web Developer

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## EXPERIENCE

### Full Stack Developer Intern

#### Auric Touch LLP

January 2023 – present

- Developing secure APIs using Node.js for the Backend Application of web sites.
- Helped through 2 other projects by solving bugs and finding sustainable solutions.
- Created many scalable projects and Backend Applications using NodeJs, Database(MongoDB),API'S and gained lot of ideas from our Mentor.

### Research Intern

#### IIITM Gwalior

May 2022 – August 2022

- Worked on Machine Learning model that predicts the customer churn rate. Under the supervision of Dr.Vinay Singh, Associate Proffesor, IIITM Gwalior.
- The Project mainly focus on predicting the customers who are at high risk of leaving the company or canceling a subscription to a service, based on their behavior with product.

## PROJECTS

### Easy Booking-Hotel Booking Platform

GitHub

- Easy Booking is online booking platform that allows guests to make secure online reservations through hotel website and helps hotels to accept bookings.
- This software allows guests to schedules the dates and length of the stay, select room types and make payments in one place.
- Designed the frontend application using React.js, Developed backend using Node.js, Express.js and implemented a no-SQL database using MongoDB.

### Customer Churn Prediction

Overview

- This project is an implementation of various machine learning tools and techniques to predict customer churn across various industries.
- The main motivation of this project is to train a machine learning model on the available data that will predict with a high accuracy which customers are about to churn, which in turn will help the business owner in making useful marketing decisions.
- Used various supervised learning models such as Decision Trees, Random Forest and Logistic Regression on training data and check their performance on test data.
- Acheived the result with the accuracy of 74 percentage when trained with 5636 columns(training sample).

### Serverless OTP-System

GitHub

- Made an OTP as a service web application.
- Built backend architecture on Amazon Web Services.
- Used sendgrid to send mails.
- More than 30,000 OTP requests can be processed in a second.

## STRENGTHS

#### Development

React.js Node.js Express.js HTML  
CSS Bootstrap Material-UI

#### Programming Languages

C C++ Python JavaScript

#### Development Tools - DB

SQL MySQL MongoDB Firebase

#### Other Technologies

Linux Windows Git REST API

## POSITION OF RESPONSIBILITIES

### Alumni Networking Team

- Connecting Previous alumni with institute through a dedicated portal.
- conducted alumni connect event in the institute.

## EDUCATION

### B.Tech in Computer Science and Engineering

#### Indian Institute of Information Technology, Gwalior

July 2020 – May 2024

Grade Point - 7.00

### 12th standard

#### Sri Chaitanya Junior College,Hyderabad

June 2018 – March 2020

Percentage - 97.2

### SSC

#### Sri Chaitanya High School,Mancheria

2017

Grade Point - 10.0