

DIVYA CHAUHAN

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EDUCATION

Year	Degree & Board	Institute	CGPA/Percentage
2020	B. Tech, Chemical Engineering	NIT Warangal	7.3/10
2015	12 th Standard, CBSE Board	St. Mary's Convent Sr. Sec. School	91.6/100
2013	10 th Standard, CBSE Board	St. Mary's Convent Sr. Sec. School	9.6/10

EXPERIENCE

System Engineer, grade C1 at TCS through campus placements - Completed Training

Retail Banking Website:

June 2020

- Designed website using Flask, MySQL & include Agile concepts using Atlassian JIRA.
- Created customer dashboard wherein customer can create its account & can make transactions.
- Added feature to display transaction history & download it in pdf/ excel files based on dates/ no of transactions.

PROJECT

- 1) Movies Search Engine** May 2020
 - Hosted a full web stack microservice implemented using Angular, Node.js, Express.js.
 - The project is running at <https://omdb-api-impl.tk>
 - Technology involved - AWS EC2 Ubuntu 20.04 image instance, Elastic IP load balancer, DB sharding, Virtual Hosting through Apache V2, Confd Configuration, MYSQL setup, GitHub, DNS Configuration.
- 2) Predicting Credit Card Approval - Part of Datacamp course** July 2020
 - Handled missing values in dataset & data is pre-processed.
 - Logistic Regression model is fitted & trained on the dataset using scikit-learn library.
 - Evaluated confusion matrix & model performance is improved using GridSearchCV & hyperparameters are tuned.
- 3) Google Play Store App Market Analysis - Part of Datacamp course** July 2020
 - Did data cleaning on the dataset & junk apps are removed from the dataset.
 - Did study on apps on the basis of category & their market share.
 - Impact of app size, rating & price is analysed for app discoverability.
 - Made comparison of paid vs free apps on various factors.
- 4) Raise Voice** March 2018
 - Built website using PHP, JavaScript, jQuery, Bootstrap and implemented google maps API.
 - The site was built with aim so that the process of raising complains by general public can be made easy & fast about the injustice & search nearest NGO.
- 5) Unbeatable Tic Tac Toe & Simon Game** Jan 2018
 - Tic Tac Toe Game - Used Minmax algorithm, JavaScript, HTML & CSS to build the project.
 - Simon Game - The user has to follow the same pattern as shown by the game level to reach the next level & a new random step gets added to increase the difficulty level. Used JavaScript, HTML & CSS to build the project.

SKILLS

Data Structures & Algorithms

Programming Languages: C++/ Java/ Python

OS: UNIX, Windows

IDE: PyCharm, VS Code, Eclipse

Data Science: NumPy, Pandas, Seaborn, Matplotlib, Scikit-Learn

Web Development: Flask, Angular, Node.js, Express.js, HTML, CSS, JS

DBMS: MySQL, PL/SQL

Utilities: Git & GitHub, AWS

ACADEMIC & ONLINE COURSES

Academic Courses: Problem Solving & Coding Skills, Probability & Statistics, Optimization of Mathematical Models, OOPs Concept

Online Courses:

- Career track in Data Science with python - Datacamp: Learnt Data Manipulations, Data Visualization, Exploratory Data Analysis & Data Cleaning, Supervised & Unsupervised Learning, Tree-Based ML models
- Database Management System from NPTEL
- Machine learning applications in Engineering and Science from NPTEL

ACHIEVEMENTS

- Secured 211/360 Marks in JEE MAINS 2016 with AIR 11,686, Paper-I, General category.
- Secured AIR 12,339 in JEE ADVANCE in 2016, General Category & Qualified BITSAT with 325/450 in 2016.

EXTRA CURRICULAR ACTIVITIES

- Workshop on Voice & Gesture Controlled Bots - Acquired fundamentals of Arduino and made working voice and gesture-controlled bots by using Bluetooth, 433MHz RF Transmitter-Receiver wireless module and Gesture Detection Sensor (APDS).
- Avion-E, Technozion'17 - NIT Warangal : Designed Quadcopter using Transmitter-Receiver(2.4GHz) and Flight Controller (KK 2.1.5), BLDC motors, ESC (30A).
- Sub-Core in Technozion' 18 & SpringSpree' 19 - Technical & cultural fest of college
- ElevateX, E-CELL, IIT MADRAS – Campus Ambassador | An event for start-ups in March 2018