Saurabh Chavan

Backend / SDE Intern

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PROJECTS

Tasks   Oct 2020

- Developed a **Python Flask** tasks web-app.
- **Jinja 2** templating engine was used.
- **Bootstrap 4** was used for the frontend.
- **SQLite3** was used for database management.
- Deployed on **AWS Lightsail** compute instance.

ToDo   June 2020 - July 2020

- Developed a **Django** web-app to manage notes.
- View deployed project **here**.

Darkpad   August 2019

- Developed a Notepad **desktop application** for Microsoft Windows.
- It has a similar UI to Windows default notepad application with an added **Dark Theme**.
- **WinForms** GUI library from Microsoft's **.NET** framework and **C#** was used.

CalculatorJS   October 2019

- Developed a simple GUI calculator frontend that does basic arithmetic operations.
- **HTML**, **CSS** and **Javascript** were used.

Titanic-Survivors   May 2019

- Trained a Machine Learning model to predict which passengers survived the Titanic Shipwreck.
- Supervised Learning algorithms were used from Python library **Scikit-learn**.

IMPORTANT LINKS

Github   LinkedIn

HackerRank   Codechef

OPEN SOURCE CONTRIBUTION

rogauracore   May 2020

- Contributed a color scheme to github user 'wroberts' project of porting Asus RoG laptop's backlight keyboard functionality onto Linux platform.

STRONG SKILLS

- **Problem Solving**   • **C++**   • **Python**
- **MS SQL Server**

TOOLS AND TECHNOLOGIES FAMILIAR WITH

- **HTML/CSS**   • **Shell Scripting**   • **Docker**
- **Google Cloud Platform**   • **Git/Github**

COMPETITIVE PROGRAMMING

- **CODECHEF:** Max Rating 1559
- **HACKERRANK:** 5 Star in problem solving

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — *B.Tech. + M.Tech. (Dual Degree), Computer Science & Engineering*
JULY 2016 - MAY 2021

RELEVANT COURSES UNDERTAKEN

- **Data Structures & Algorithms**
- **Computer Networks**
- **Database Management System**
- **Operating Systems**
- **Object Oriented Programming**