SHRIVINAYAK BIRLA

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About me

Energetic and passionate college student working towards a B.Tech. in Electronics and Tele-communication at Vishwakarma Institute of Technology, Pune. I aim to use the knowledge that I have acquired from my coursework, self-study, and hard work to satisfy my internship at your organization, and I am also willing to learn more from this internship.

Education

- **SECONDARY SCHOOL**
  Aurobindo Aksharjyoti ,Parbhani   **2017-2018**
  10th SSC   Aggregate: 91%

- **JUNIOR COLLEGE**
  Shantiniketan College ,Parbhani   **2019-2020**
  12th HSC   Aggregate:73.38%

- **BACHELOR OF TECHNOLOGY**
  Vishwakarma Institute of Technology,Pune   **2020-2024**
  7th semester   CGPA: 7.48

Skills

Java | Python |Machine Learning|PHP|MySQL|HTML & CSS | JavaScript | React JS |Node js| Mongo DB | Git & Github

Work Experience

Herbs Magic - Frontend Developer Intern   **Aug 2023 to Nov 2023**

- Developed **responsive React website** with Tailwind CSS, ensuring cross-device compatibility.
- Collaborated with **Node.js** for full-stack insights, specializing in React components and routing.
- Integrated **backend APIs**, practiced version control with Git, and conducted **unit testing** using Jest for a robust application.

PROJECTS

1. Portfolio Website in React JS

React JS (ES6+), JSX Syntax, Flexbox and Grid ,Media queries, Git version control

- Developed a dynamic and responsive portfolio website in React JS, highlighting expertise in **React ES6**, **JSX syntax**, and **modular React** components.
- Employed React **Events**, **Hooks**, and JavaScript (ES6+) for interactive user experiences, delivering a visually appealing, adaptive site across devices.

2. Customer Churn Analysis and its Prediction for Telecom Industry

PYTHON ,ML, DATA CLEANING , DATA VISUALIZATION

- Implemented a customer churn prediction model for telecommunications company using **machine learning** techniques with **85% accuracy**.
- Utilized Python libraries such as **Pandas**, **Scikit-learn**, and **Matplotlib** for data analysis and developed a dashboard to showcase results to stakeholders.

3. FILE COMPRESSION

JAVA , Huffman Coding , Data struture , Compression-algoritmn

- Developed a file compression utility utilizing **Huffman coding** in Java, achieving a significant reduction in file sizes and enhancing storage efficiency.
- Implemented the construction of a Huffman tree, frequency table generation, and **encoding algorithms** to compress files effectively.
- Utilized Java libraries for file handling and validated the implementation through comprehensive testing, ensuring accurate decompression and verifying the efficiency of the compression algorithm.

ACHIEVEMENTS

1) Project Paper: "System for Detection of Color Blindness(Publication)
- Successfully submitted online by **Wolmarans and Susan Inc**.
- Published paper introducing a console application designed for interactive color blindness detection.

2) Project Paper: "Streamlining Home Service Websites with Virtual Assistant AI(Publication)
- Successfully submitted online to the International Research Journal of Engineering and Technology (**IRJET**), Volume 10, Issue 11,
- Published paper introducing an e-commerce website for household items with dynamic features.

3) **1st Position,** Hackathon X Machine at Vishwa Tech Spectra'23.
4) **2nd place** in the Circuitrix competition at Vishwa Tech Spectra'23.
5) Achieved **1st position** in LogicX at Vishwa Tech Spectra'23.