GHANANJANI SAINI

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EDUCATION

B.Tech in Computer Science and Engineering with specialization in Health Informatics
Vellore Institute of Technology, Bhopal, Madhya Pradesh | CGPA: 8.73/10 | Expected Graduation: 2024
Higher Secondary Education
Saint Soldier's Divine Public School, Panchkula, Haryana | Percentage: 91% | May 2020
Matriculation
Saint Soldier's Divine Public School, Panchkula, Haryana | Percentage: 90% | May 2018

PROJECTS

BrainTune: Brain Tumor Detection   September 22 – November 22
- **Description**: BrainTune is a machine learning model developed to detect brain tumors from medical imaging data. With an impressive accuracy of 95% on the dataset provided by Kaggle. Contributed to the development of an automated tool that achieves an impressive 95% accuracy, significantly streamlining the diagnosis process and also assisted in development of a GUI Interface.
- **Technology**: Applied Machine Learning, Data Analysis techniques, Model Deployment, Image Processing.
- **Links and Results**: https://github.com/ghananjani/brain-tumor-prediction

Fashion GANs: Deep Learning Project   Mar 23 – May 23
- Description: The Fashion GAN project harnesses cutting-edge technology, to produce lifelike synthetic fashion images. This innovative endeavor utilizes advanced CNNs to craft and manipulate fashion-related visuals.
- Technology: Tensorflow, PyTorch, Python, GANs (Generative Adversarial Networks) and CNNs (Convolutional Neural Networks), Tableau, Data Analysis, Data Augmentation.
- Links and Results: https://github.com/ghananjani/FashionFusion-Creating-Styles-with-GANs

Service Impact Predictor   November 23 – February 24
- **Description:** This project revolves around developing a Service Impact Predictor using machine learning, addressing incidents raised by customers. It involves comprehensive data analytics to classify incidents into High, Medium, and Low Impact categories based on a diverse set of 25 features extracted from a service desk platform within an IT company.
- **Technology:** Data Analytics, Preprocessing, feature engineering, deployment
- **Links and Results:** https://github.com/ghananjani/Service-Impact-Predictor

TECHNICAL SKILLS

Programming Languages: Python, SQL,R Prog., C++, MATLAB, HTML,CSS,JavaScript, Machine Learning Algorithms
Frameworks and Libraries: Scikit-learn, Keras, Tensorflow, PyTorch, Pandas, Matplotlib, NumPy, Seaborn, Plotly, OpenCV
Data Visualization: Matplotlib, Seaborn, Tableau, Power BI, Data Analytics
Creative Abilities: UI/UX Design, FIGMA, Canva, MS Excel

INTERNSHIP EXPERIENCE

- **Machine Learning Trainee, Council of Scientific and Industrial Research (CSIR, Chandigarh: In-Office) July'23-Dec'23**
  Actively involved in Machine Learning research in Biomedical Department. Improved model performance and user experience. Working on GANs using Python, Image Segmentation. Involved in Data Collection using FLIR Camera for ongoing projects at PGI, Chandigarh.

- **AI/ML Intern, Galva Decoparts Pvt. Ltd. (Pune, Hybrid)**   **Sept'22-March'23**
  Gained practical experience in AI and ML through a "Resume Parser" project. Also contributed to the company's website development, enhancing my skills in web development.

- **Data Analyst Traineeship, MedTourEasy (Remote)**   **Nov'22 -Dec'22**
  Worked under the supervision of the project mentor and developed the project entitled "Predict Blood Donations."

CERTIFICATIONS

IBM Data Analyst Professional Certificate, Data Management and Visualization (Coursera), Data Analyst Certificate (FutureSkills),FinTech Virtual Experience by Goldman Sachs**,** Google UX Design Professional Certificate

ACHIEVEMENTS

- **Entrepreneurship Cell, Vice President**   Mar'23-Ongoing, VIT Bhopal
- **Entrepreneurship Cell, Content Lead**   Mar'22-Mar'23, VIT Bhopal
- Secured first prize in Ideathon Design Challenge, Pune.
- Full Scholarship throughout Class-11 and Class-12
- Diamond Badge award throughout school – Class 10

ADDITIONAL INFORMATION

Languages: Fluent in Hindi, English.
Hobbies: Bibliophile, Flair for creating content out of regular mundane information, Painting , Playing Cricket and Tennis, Dance, Published Writer in 2 novels.