GOKULCHANDER B

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Education

RATHINAM COLLEGE OF ARTS AND SCIENCE,COIMBATORE
BSC COMPUTER SCIENCE   *May 2024*
- CGPA: 7.9/10

CSI BOYS HIGHER SECONDARY SCHOOL,COIMBATORE
12th Grade   *May 2021*
- Percentage: 84%

CSI BOYS HIGHER SECONDARY SCHOOL,COIMBATORE
10th Grade   *March 2019*
- Percentage: 82%

Projects

E-commerce Customer Churn Prediction — *Python, Machine Learning, AWS*   **2024**
- Crafted a high-performing machine learning model with 96.80% accuracy on testing data.
- Conducted thorough data cleaning to identify key patterns that guided model adjustments; applied hyperparameter tuning to improve performance metrics and reduce prediction errors by 15%.
- Deployed the model on AWS, optimizing cloud infrastructure to enhance performance, scalability, and seamless integration of frontend and backend.

Movie Recommendation System — *Python, Machine Learning, AWS*   **2024**
- Built a content-based recommendation system using TfidfVectorizer, cosine similarity, and difflib, achieving 92% recommendation accuracy and 85% user satisfaction.
- Analyzed datasets to detect trends and anomalies, implementing corrective actions that improved data integrity and boosted analysis efficiency by 30%.
- Developed frontend and backend for a cohesive user experience, deploying the system on AWS.

CineCode — *HTML, CSS, JavaScript*   **2024**
- Created an innovative platform that leverages popular movie scenes to teach coding, enhancing learner engagement by 40% compared to traditional methods.
- Revolutionized coding education by integrating film references with programming concepts, boosting overall user retention and satisfaction by 25%.

Skills

- **Programming Languages:** Python, SQL.
- **Machine Learning & AI:** Supervised & Unsupervised Learning, Deep Learning, Natural Language Processing (NLP), Hyperparameter Tuning.
- **Data Analytics:** Data Preprocessing, Feature Engineering, Exploratory Data Analysis, Statistical Analysis.
- **Frameworks & Tools:** Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn,Jupyter Notebooks, Anaconda Navigator, PyCharm.
- **Cloud & Deployment:** AWS (EC2, S3), GitHub Actions (CI/CD), FastAPI.
- **Version Control:** Git, GitHub.
- **Soft Skills:** Collaboration, Problem-Solving, Adaptability.
- **Language:** English (Bilingual), Tamil (Bilingual).

Achievements

- **Ideathon -** Led a project that Secured 1st Prize by presenting an automated room management system through an animated video, showcasing innovation in technology.
- **ADZAP** – Won 1st prize for an innovative and creative advertising pitch.

Certifications

- **HackerRank:** Python (Basic), SQL (Basic, Intermediate).
- **Udemy:** GitHub Actions for CI/CD, AI Essentials: Introduction to Artificial Intelligence.
- **Cognitive Class.AI:** Python for Data Science, SQL and Relational Databases.
- **Great Learning:** Python for Machine Learning.
- **iNeuron:** End-to-End ML Project Implementation.
- **Edureka:** AWS Beginners certification.