Divyansh Sharma

📞 7688910896 | ✉ sdivyanshh958@gmail.com | ⌨ [GitHub](#) | 🔗 [LinkedIn](#) | </> [LeetCode](#)

Education

Degree/Certificate	Institute	GPA/%	Year
B.Tech(CSE)	Vellore Institute of Technology, Vellore	9.0	2022-Present
Senior Secondary	St. John's School, Jhalrapatan	92.6%	2022
Secondary	St. John's School, Jhalrapatan	93%	2020

Projects

1. **College Website**: "Centralized platform showcasing university details." | *Tech Stack: HTML, CSS, JS, ReactJS*
   - Developed a responsive and interactive college website for VIT University with sections like hero banner, program offerings, university overview, campus gallery, testimonials, and contact form.
   - Integrated a video player triggered by a play icon in the About section to enhance user engagement.
   - Focused on performance optimization and responsive design, ensuring seamless accessibility across devices.

2. **Dead Stock Marketplace** : "Efficient platform for unsold inventory." | *HTML, CSS, JS, ReactJS, ExpressJS, NodeJS, Mongo*
   - Unlocked trapped capital by connecting businesses to buyers for dead inventory, transforming warehoused costs into immediate revenue.
   - Designed and built a full-stack web application using React, Express, NodsJS and MongoDB to facilitate the buying and selling of surplus goods.
   - Designed intuitive workflows that reduced transaction friction, cutting deal completion time from weeks to minutes.

3. **MediCare+**: "Bringing healthcare to rural areas." | *HTML, CSS, JS, ExpressJS, NodeJS, MongoDB, AI/ML*
   - Solved rural healthcare access barriers by developing a platform connecting patients to pharmacies with 95 percent accurate prescription scanning and HIPAA-compliant video consultations.
   - Created multilingual health dashboard supporting 5 regional languages, increasing healthcare accessibility by 40 percent for underserved rural communities.
   - Reduced appointment booking time from 15 to 3 minutes with AI chatbot integration, decreasing unnecessary clinic visits by 25 percent.

Technical Skills

Programming Languages: C, C++, Python, Java, SQL, JavaScript

Tools & Frameworks: Visual Studio, Figma, Tailwind CSS, Bootstrap, Docker, Kubernetes, Maven, Gradle

Frontend: HTML, CSS, JavaScript, ReactJS, NextJS

Backend: Node.js, Express.js, Bcrypt.js, MongoDB, SQL, RESTful APIs, Microservices, AWS

AI & Machine Learning: scikit-learn, pandas, NumPy, matplotlib, seaborn, XGBoost

Concepts & Techniques: Classification, Regression, Clustering (KMeans, DBSCAN), Collaborative Filtering, Recommendation Systems

Data Science Skills: Data Preprocessing, Feature Engineering, Model Evaluation (Confusion Matrix, Cross-Validation, ROC-AUC), Hyperparameter Tuning

Operating Systems: Windows, Linux

Relevant Coursework

- Data Structures & Algorithms
- Software Engineering
- Design & Analysis of Algorithms
- Database Management
- Artificial Intelligence
- Operating Systems
- Object Oriented Programming
- Computer Architecture

Achievements

- Solved 500+ problems on LeetCode and earned a total of 27 badges on LeetCode, demonstrating strong skills in algorithmic problem-solving.
- Certified in Microsoft Azure AI-900 Fundamentals, demonstrating foundational knowledge of AI and cloud services.
- Completed NVIDIA Deep Learning Fundamentals course, mastering CNNs, RNNs, transfer learning, and data augmentation, and achieved >92% accuracy in a hands-on model fine-tuning assessment.