DIVYANSHU

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EDUCATION

Graphic Era Hill University, Dehradun   **2023 - Present**
B.Tech - Computer Science and Engineering - CGPA - 8.70/10.0   Dehradun, India

Jawahar Navodaya Vidyalaya, Rudraprayag   **2022**
Senior Secondary (Class 12th) - 83%   Rudraprayag, Uttarakhand

Jawahar Navodaya Vidyalaya, Rudraprayag   **2020**
Secondary (Class 10th) - 88%   Rudraprayag, Uttarakhand

ACHIEVEMENTS

Marithon 2025 (Maritime Hackathon)   **2025**
Top 10 Teams Finalist   Graphic Era University
- Selected among the top 10 teams in a competitive maritime hackathon organized by TBI, GEU.

LeetCode   **Ongoing**
Knight Rank – Rating 1735 (Top 9%)
- Knight rank on LeetCode with a 1735 rating, placing in the top 9% globally.

PROJECTS

E-Smart Lab Platform ⬀ | JavaScript, React.js, Express.js, MongoDB, Redis, JWT,Judge0   **Nov 2024**
- Built backend APIs with Express.js and Node.js, managing assignments, submissions, and scalable data storage with MongoDB.
- Developed responsive frontend with React.js using Tailwind CSS and secured the platform with JWT authentication and Redis-based sessions.
- Integrated an AI-powered chatbot as a help desk to assist students and faculty efficiently.

AI Thumbnail Generator (ThumbCraft) ⬀ | MERN Stack, OpenAI API, Google Gemini   **Jan 2025**
- Built a full-stack AI thumbnail generation platform supporting text-to-image and image-to-image workflows with prompt enhancement and template customization.
- Developed a responsive React.js frontend with Tailwind CSS featuring live previews, filters, and bulk thumbnail export.
- Implemented a scalable Node.js and Express.js backend with MongoDB and Cloudinary for secure image storage and efficient AI inference handling.

SoF Event Extractor ⬀ | Python, Optical Character Recognition(OCR), LayoutLMv3   **August 2025**
- Built a template-agnostic event extraction system for SOF (Statement of Facts) documents.
- Applied OCR using EasyOCR to process scanned and image-based maritime documents.
- Fine-tuned a LayoutLMv3 model, achieving 83% accuracy in extracting key events and timestamps.
- Normalized extracted events into structured JSON/CSV formats for downstream analytics.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), Python, C++, HTML5, CSS3
Web Technologies: MERN Stack (MongoDB, Express.js, React.js, Node.js), RESTful APIs, JWT Authentication
AI & Machine Learning: Machine Learning , Model Integration (OpenAI, Gemini), Data Preprocessing
Libraries: React.js, Redux/Zustand, Axios, NumPy, Pandas
Frameworks: Express.js, Flask
Tools: Git/GitHub, Postman, Docker (Basics), VS Code
Databases & Storage: MongoDB, Qdrant (Vector DB), MySQL, SQLite, Cloudinary
Deployment: Vercel, Render, CI/CD (GitHub Actions)