Ujjwal Kulkarni

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Education

MIT ADT UNIVERSITY **October 2021 – September 2025**
Bachelor of Technology in Computer Science Engineering *CGPA: 8.88*

SHAHU MAHAVIDYALAY, Latur **March 2020 – May 2021**
HSC *Percentage: 94.33*

Shri Keshvaraj Vidyalay, Latur **June 2018 – July 2019**
SSC *Percentage: 99*

Experience

AICTE
AI/ML Intern

- During the AI/ML internship, hands-on experience was gained with fundamental machine learning algorithms such as linear regression. The implementation of these algorithms to analyze and predict patterns in data was learned.
- A strong understanding of preprocessing data, training models, and evaluating their performance was developed through practical application.

Projects

Agnivesha: Personalized Ayurvedic HealthCare

- Agnivesha integrates ancient Ayurvedic principles with cutting-edge machine learning technology to deliver tailor-made herbal medicine recommendations based on individual attributes like age, Prakruti, and health background, ensuring a holistic approach to well-being.
- Spearheaded the creation of a user-friendly health progress tracking platform, integrating personalized Ayurvedic solutions to empower individuals in taking control of their health journey, leading to a 20% boost in overall well-being.
- **Tech Stack**: Python 3.0, XGBoost, Scikit-Learn Library, JupyterNotebook, Figma,React.js, Node.js, Flask

Specific Vehicle Detection and Alert System

- The proposed technology is designed to identify specific types of vehicles, such as ambulances and firetrucks, and notify nearby relevant authorities like RTO officers for better coordination.
- This system comprises a processing unit (computer or high-spec microcontroller), cameras for footage capture, and a database of number plates for vehicle recognition.
- **Tech Stack**: OpenCV (Computer Vision Library), OCR (Optical Character Recognition), Python-3, Noise Removal Techniques

Portfolio Website

- A personal portfolio website designed to showcase projects, skills, and achievements in a clean and professional layout. It includes interactive sections for users to explore projects, download resumes, and contact directly.
- It serves as a dynamic platform to highlight expertise, creativity, and technical capabilities effectively.
- **Tech Stack**: React.js, Bootstrap, CSS

Technical Skills

Software Programming: C, C++, Java, Python
Development: HTML, CSS, JavaScript, Node.js, React.js
Frameworks: Scikit-Machine Learning, CUDA, Express.js
Databases: MySQL, MongoDB

Achievements

- NVIDIA Learning's National KUDATHON (2022) - 2nd Prize Winner
- Smart India Hackathon (Internal) Qualified

Leadership / Extracurricular

COGNISANCE MIT ADTU — SECRETORY **Aug 2023 – Aug 2024**
GFG STUDENT CHAPTER MIT — TECHNICAL TEAM MEMBER **Feb 2023 – Aug 2024**