# Kedar Kulkarni

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## CAREER OBJECTIVE

Motivated Computer Science undergraduate with a strong foundation in OOP, data science, AI/ML, and full-stack development. Seeking an internship to apply academic knowledge, contribute to real-world projects, and enhance technical and professional skills.

## EDUCATION

**MIT-WPU**                                                                                   Pune,In
*B.tech in Computer Science And Engineering*                                  *Sep 2023 – Present*

**Cusrow Wadia Institute of Technology**                                              Pune, In
*Diploma In Computer Science and Technology*                              *Aug. 2020 – Jul 2023*

## EXPERIENCE

**Software Intern**                                                             June 2022 – Aug 2022
*Avdhoot Enterprises*                                                                        *Pune, In*
- Used Python to load Company's Dataset.
- Used various Data analysis tools like Tableau, PowerBI to analyze the data.

**Machine Learning Intern**                                                    Dec. 2024 – Present
*Suvidha Foundation*                                                                    *Nagpur, In*
- Fine-tuned a hierarchical Pegasus transformer model for summarizing large-scale datasets using advanced attention mechanisms.
- Modified the pre-trained pegasus model to enhance the performance performed modifications like hierarchical text attention.
- Preprocessed and tokenized 500+ news articles for NLP tasks using Python and Hugging Face.

## PROJECTS

**Healthcare Fruad Detection Portal** | *Python, Node.js, React, MongoDB, git*          Aug 2024 – Nov 2024
- Designed a healthcare fraud detection system using the MERN stack (MongoDB, Express, React, Node.js) integrated with AI-based anomaly detection models.
- Implemented Isolation Forest machine learning algorithms to detect anomalies in patient records, analyzing attributes like medical conditions and billing amounts.
- Improved user experience with a chatbot feature for seamless user interaction and reporting.
- Developed a React-based frontend with real-time fraud analysis powered by backend API communication and enhanced with interactive data visualizations (charts and graphs).

**E-commerce website for Natural Stones** | *Django, Python, MySQL, Git*          Mar 2023 – Jun 2023
- Developed an e-commerce website for Shri Vishwakrupa Enterprises, specializing in natural stones, using the Django framework for seamless frontend and backend integration.
- Designed and implemented a database to manage product details and transactions efficiently.
- Created a dashboard for the company to track and manage operations effectively.

**Youtube Algo Analyzer** | *Django, Python, MySQL, Git*          Mar 2024 – Jun 2024
- Developed YouTube Algo Analyzer, a tool to analyze and understand YouTube's recommendation algorithm using Python and data analysis techniques.
- Built features to track and visualize trends in video recommendations, user engagement, and content performance.
- Implemented a user-friendly interface for real-time insights and actionable data-driven decisions.

## TECHNICAL SKILLS

**Languages**: Java, Python, C/C++, SQL, JavaScript, HTML/CSS
**Frameworks**: React, Node.js, Django, Flutter, Material-UI
**Developer Tools**: Git, VS Code, Visual Studio, PyCharm, Eclipse, Google colab
**Libraries**: pandas, NumPy, Matplotlib, Transformers, PyTorch, RandomForest