

Kedar Kulkarni

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CAREER OBJECTIVE

Passionate Computer Science undergraduate with a strong academic foundation in cloud computing, backend development, software development in Java and Python and AI/ML. Deeply interested in exploring technologies like AWS, Azure, Terraform, Kubernetes, and LLM frameworks such as Langchain and LLaMA. Eager to learn, contribute to impactful projects, and grow in a dynamic and collaborative environment.

EDUCATION

MIT-WPU

B.tech in Computer Science And Engineering

Pune, In

Sep 2023 – Present

Cusrow Wadia Institute of Technology

Diploma In Computer Science and Technology

Pune, In

Aug. 2020 – Jul 2023

EXPERIENCE

Software Intern

Avdhoot Enterprises

June 2022 – Aug 2022

Pune, In

- Used Python to load Company's Dataset.
- Used various Data analysis tools like Tableau, PowerBI to analyze the data.

Machine Learning Intern

Suvidha Foundation

Dec. 2024 – Apr. 2025

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 Fraud 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.

Marketing Platform Using Java | Vaadin, Springboot, Java, MongoDB, Git

Jan 2025 – Apr 2025

- Developed a secure, user-friendly web platform enabling registration, login (with email as username), profile management, and post creation, with all sensitive features accessible only to authenticated users..
- Implemented robust authentication and authorization using Spring Boot, Spring Security, Vaadin (Java UI), and MongoDB, ensuring encrypted password storage and session-based access control..
- I used these Technologies Java, Spring Boot, Vaadin, MongoDB, Spring Security, BCrypt, Maven.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: React, Node.js, Django, Flutter, Material-UI, Vaadin, Springboot

Developer Tools: Git, VS Code, Visual Studio, PyCharm, Eclipse, Google colab

Libraries: pandas, NumPy, Matplotlib, Transformers, PyTorch, RandomForest