PRAVIN MORABAGI

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EDUCATION

SAVITRIBAI PHULE PUNE UNIVERSITY   July 2021 - May 2025
BE in Computer Engineering , **CGPA: 8.55**

RBP JUNIOR COLLEGE SANKH   June 2020 - March 2021
HSC - PCMB, **Grade: 85%**

SCOPE JALIHAL BK   June 2018 - March 2019
SSC, **Grade: 82%**

TECHNICAL SKILLS

Languages: C++ , Java , C , Python , Javascript , SQL , HTML/CSS
Concepts: Data Structures & Algorithms , OOPS , DBMS , Operating Systems
Development & Tools: NodeJS, MySQL, ReactJS, PHP ,GitHub

PROJECTS

Project LifeLine : AI-Driven Suicide Prevention ○   **Jun 2024 - Aug 2024**

- Developed and implemented a machine learning pipeline to detect suicide-related posts on Reddit and Twitter, achieving a 96% accuracy with Random Forest Classifier using Bag of Words and TF-IDF vectorization.
- Optimized model parameters via grid search CV and performed text cleaning with custom stopword removal.
- Achieved 97% accuracy using a Multilayer -Bidirec LSTM with GloVe embeddings for enhanced text classification.
- Technologies Used: **Python, NLTK, SpaCy ,TF -IDF**

TextNova ○   **Sep 2024 - Oct 2024**

- Developed a text editor system, TextNova, allowing users to perform essential text editing functions efficiently.
- Built with React.js, the editor offers a user-friendly interface for writing and editing text in real-time. Technologies Used: **HTML, CSS, JavaScript, React.js.**

Seminar Application Tracking Sytem ○   **Oct 2024 - Dec 2024**

- Led the development of a web portal for seminar application submission and tracking.
- Optimized the application review process, resulting in a 50% reduction in approval time, Integrated user feedback to continuously improve the system functionality.
- Technologies Used: **HTML, CSS, PHP, JavaScript, MySQL**