

PRAVIN MORABAGI

Phone: 7038772830 | <mailto:morabagipravin687@gmail.com> | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Computer Engineering student with expertise in C++, Python, JavaScript, React.js, and SQL. Experienced in building web applications, optimizing performance, and creating user-friendly interfaces. Skilled in full-stack web development.

PROJECTS

Project LifeLine : AI-Driven Suicide Prevention 🔗

June 2024 – July 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.
- Improved model efficiency by 20% through hyperparameter tuning using Grid Search CV and custom stopword removal for text preprocessing.
- Achieved 97% accuracy with a Multilayer Bidirectional LSTM and GloVe embeddings classification.
- Technologies Used:** Python, NLTK, SpaCy, TF-IDF

Risky Roll 🔗

August 2024 – October 2024

- Built an interactive 2-player dice game using core web technologies (HTML5, CSS3, JavaScript), achieving a 95% user satisfaction rate in initial testing.
- Implemented real-time score updates, boosting user engagement by 25% and reducing interruptions by 30%.
- Enhanced user experience by reducing load time by 20% through code minification and efficient rendering.
- Technologies Used:** HTML5, CSS3, Tailwind CSS, JavaScript

Forecast Pro 🔗

October 2024 – January 2024

- Built a weather application using React.js and Tailwind CSS to provide real-time weather updates.
- Integrated OpenWeather API for real-time weather, 24h & 7-day forecasts, and key metrics.
- Managed application state efficiently within React.js, boosting performance by 20%.
- Optimized responsiveness for a 100% seamless experience across mobile and desktop devices.
- Technologies Used:** HTML5, CSS3, Tailwind CSS, Open Weather API, React.js

TECHNICAL SKILLS

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

Concepts: Data Structures & Algorithms, OOPS, DBMS, Operating Systems

Development & Tools: NodeJS, MySQL, ReactJS, GitHub

Soft Skills: Communication skills, Teamwork, Empathy, Detail-Oriented

EDUCATION

SAVITRIBAI PHULE PUNE UNIVERSITY

BE in Computer Engineering, **CGPA: 8.55**

Pune, MH

July 2021 – May 2025

RBP JUNIOR COLLEGE SANKH

Maharashtra Board – Intermediate Science, **Grade: 85%**

Sangli, MH

June 2020 – March 2021

SCOPE JALIHAI BK

Maharashtra Board, 10th, **Grade: 82%**

Sangli, MH

June 2018 – March 2019

EXTRACURRICULAR ACTIVITIES

- Member, Innovation Cell:** Managed projects, increasing participation by 30% and ensuring on-time delivery.
- Volunteer, College Functions:** Assisted in organizing college events, boosting attendance by 15% and streamlining event logistics.
- Contributor, Sports Cell:** Assisted in planning and executing sports events, increasing participation by 20% and engagement by 25%.

EXTRACURRICULAR ACTIVITIES

- Full Stack Crash Course** by PROPER DOT INSTITUTE – Udemy
- Web Design for Web Developers** by Jonas Schmedtmann - Udemy