

Keyur Barde

9029715284 | keyurvbarde@gmail.com | [Github](#) | [Linkedin](#)

EDUCATION

Vishwakarma Institute of Technology

Bachelor of Technology (Computer Engineering) — 9.12 CGPA

Pune

2022 - Present

Pace Junior Science College, Dadar

Class 12 — 93.67%

Mumbai

2022

Lady Engineer High School

Class 10 — 90.40%

Mumbai

2020

EXPERIENCE

Siemens Digital Industries Software

June 2024 - August 2024

Intern

- Worked with **Siemens Web Framework** built on top of React to implement crucial **UI related enhancements**, vastly improving user experience, performance and reliability.
- Updated code to follow best practices, ensuring maintainability and robustness of the application
- Conducted thorough testing and implemented **unit tests** to validate changes and maintain high standards of software quality

TECHNICAL SKILLS

Languages: Java, Javascript, SQL, C, HTML, CSS

Frameworks/Libraries: Spring Boot, React

Developer Tools: Git, Maven

UI/UX Design: Figma, Adobe Illustrator

PROJECTS

Online Multiplayer TicTacToe Game

2024

React, Javascript, CSS, Spring Boot, MySQL

- Implemented real-time communication features including connect, disconnect, and restart functionalities using **STOMP** protocol for seamless multiplayer experience
- Integrated **MySQL** database with **Spring Data JPA** to persist game state, ensuring data integrity and consistency throughout the gaming sessions

Smart Campus Map

2023

HTML, CSS, Javascript

- Designed the overall sketches of Building 1 of the college
- Implemented selection based as well as **search based features** to select the required destination (classrooms, washrooms, water tanks)
- Research Paper published in IJISRT (International Journal of Innovative Science and Research Technology)

Promotion Prediction using Data Science

2023

R

- Implemented various machine learning algorithms including **Random Forest, SVM, XGBoost, Logistic Regression** and **ANN** for predicting employee promotions.
- Conducted data preprocessing including handling missing values and oversampling to address class imbalance
- Evaluated model performance using **k-fold cross-validation** and key metrics such as accuracy, precision, recall, and F1-score with the Random Forest Algorithm providing the most promising results with 93% accuracy

POSITIONS OF RESPONSIBILITY

Multimedia Coordinator

Google Developer Student Clubs, Vishwakarma Institute of Technology, Pune

UI/UX Coordinator

Team Quark, Vishwakarma Institute of Technology, Pune