

Vishal Markad

Software Developer

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EDUCATION

- **PVG's College of Engineering, Nashik, India** (2024) CGPA: **8.1**
Coursework: Data Structure, Design, and Analysis of Algorithms, Operating System, DBMS
- **HSC** (SVHT, Tisgaon, Pune Board) (2020) Percentage: **70%**
- **SSC** (SVHT, Tisgaon, Pune Board) (2018) Percentage: **85.40%**

WORK EXPERIENCE

- **FullStack Intern at Emerging Technology, Nashik** Feb-Apr2023
 - Developed Desktop Applications (Notepad, Text to Speech) using C# and Python,.Net
- **Frontend Intern at Coding Club India** Jun-Jul2022
 - Utilized HTML, CSS, and JavaScript to ensure a smooth user experience.
 - Developed innovative front-end components which boosted conversion rates by 10%.

PROJECTS

- **Advanced Ecommerce Recommendation System | Python, NLP, BoW, TF-IDF, Word2Vec**
 - Engineered a content-based recommendation system with results within 100 milliseconds.
 - Supercharged product recommendations on e-commerce platforms for 1 million products.
 - Attained a remarkable 98% accuracy rate with NLP Models, including Bag of Words and TF-IDF.
- **Face Recognition System | Python, ML(KNN), OpenCV**
 - Implemented the K-Nearest Neighbor (K-NN) classification algorithm for face recognition.
 - Utilized OpenCV and HaarCascades for precise frontal face detection under 700 milliseconds.
 - Achieved an outstanding error rate below 3% on a dataset comprising 1,000 images.
- **Twitter Clone: Scalable Social Media Platform | HTML, CSS, Javascript**
 - Designed a user-centric tweet sharing platform, scalable for 1 million users.
 - Implemented Login, Signup, Create Tweet, Follow User like 10+ more features.
 - Established Postgres for the database with all read queries under 10 milliseconds.
 - Spring MVC for the back-end architecture with response time under 50 milliseconds for all APIs.
- **Wikipedia Fetcher Api | HTML, CSS, Javascript, Java,**
 - Engineered a Wikipedia query platform with JSON and HTML result formats.
 - Employed Spring MVC for the backend infrastructure for enhanced performance.
 - Acquired and processed data from wikipedia.org with results under 400 milliseconds.

TECHNICAL SKILLS

- Languages: **Java(Proficient)**
- Full Stack Development : HTML, CSS, Javascript
- Database: Mysql, MongoDB
- Data Science: NLTK, NLP, Standard ML Algorithms (Regression, Classification, Clustering)
- Data Analysis: Numpy, Pandas, Matplotlib
- Developer Tools: IntelliJ, VS Code, Git, Eclipse
- Non-Technical: **Japanese Language(N5 Level)**

HONORS AND AWARDS

- **Solved 200+ problems** on Codechef, Leetcode, Hackerrank, Interviewbit and SPOJ.
- **Google** offers a **Data Analytics** Certification. **March 2023**