

Vaishnavi Gavi

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EDUCATION

- Ramrao Adik Institute Of Technology - University Of Mumbai** Navi Mumbai, India
Bachelor of Engineering - Electronics Engineering; GPA: 8.72/10 2019 - 2023
Courses: Data Structures and Algorithms, Machine Learning, Networking, Databases, Data Science, IOT, Project Management

EXPERIENCE

- Vunet Systems** Bangalore, India
Data Science Engineer (Full-time) Apr 2024 - Mar 2025
 - Automated client data onboarding with a custom script, slashing manual processing time by 50% and boosting throughput by 30%.
 - Engineered advanced statistical models that reduced transaction declines by 40% in an environment processing over 1M transactions daily.
 - Pioneered an NLP-driven sentiment analysis of 10,000+ app reviews for ICICI Bank's iMobile Pay app using BERT, catalyzing UI/UX enhancements that raised app ratings from 3.9 to 4.2 stars.
 - Crafted interactive dashboards (JavaScript, Grafana) to visualize transaction trends, accelerating stakeholder decision-making by 30%.
 - Spearheaded the VED AI Chat Bot initiative, reducing query response times by 35% and increasing customer engagement by 20%.
- IDfy** Mumbai, India
Software Development Intern (Full-time) Jan 2023 - Apr 2023
 - Delivered a user-centric dashboard utilizing Elixir, PostgreSQL, HTML, CSS, JavaScript, Node.js, and React.js to optimize data presentation and functionality.
 - Integrated features such as a search bar and pagination for improved navigation, accompanied by comprehensive documentation for seamless stakeholder communication.
- SDG-RAIT** Navi Mumbai, India
Software Development Intern Jun 2021 - Aug 2021
 - Introduced a responsive Result Management website enabling secure login-based student mark entries and intuitive visualization of top scorers.
 - Enhanced data interpretation with dynamic graphs for branch-wise and class-wise rankings, streamlining performance analysis.

PROJECTS

- Dance Pose Detection And Correction:** Developed a dynamic dance pose detection and correction project that utilizes real-time feedback to analyze and enhance users' dance poses. The system provides instant feedback with specific instructions for achieving ideal dance poses and offers real-time accuracy measurements. Technologies: Python, Mediapipe framework
- Student Management System:** Implemented a Python-based Student Management System with a Tkinter GUI, Sqlite3 database integration, and data science techniques. The system efficiently manages student records, tracks performance, and provides insightful analysis of student marks. Technologies: Python, Tkinter, Sqlite3
- Stock Prediction:** Created a comprehensive stock prediction project using Python and Machine Learning. Utilized historical stock prices to forecast future trends and visualized predicted prices. Technologies: Python, Pandas, NumPy, Matplotlib.pyplot

SKILLS

- Languages** Python, C/C++, Java, SQL, JavaScript, HTML/CSS, React, Node.js, Next.js, PHP
- Databases** PostgreSQL, MySQL, Clickhouse
- Tools** Git, Docker, Grafana
- IDEs** VS Code, Visual Studio, IntelliJ, Eclipse
- Soft Skills** Problem-Solving, Critical Thinking, Creativity, Time Management, Teamwork, Communication, Adaptability

CERTIFICATIONS

- Certificate of Python Programming For Beginners in Data Science from Udemy (Aug 2021)
- Certificate of Completion in 30 Days Of Google Cloud Program (Data Science Machine Learning Track) (Dec 2020)
- Certificate of Participation in Arduino Interfacing and Simulation from IEEE-RAIT (Sep 2020)

EXTRACURRICULAR

- Marketing Head at Google Developer Students Club-RAIT** Navi Mumbai, India
Led marketing initiatives, organized events, and engaged students. Jun 2021 - May 2022
- Social Media Coordinator at ISTE-RAIT** Navi Mumbai, India
Managed social media campaigns, fostering online community growth. Jun 2020 - May 2021
- Event and Sponsorship Lead at PsychHack Hackathon** Navi Mumbai, India
Secured sponsorships and managed a successful event with 200+ participants.