Pratham Malavia

📞 +91 9820085978 | ✉ prathammalavia9@gmail.com | 🔗 prathammalavia | ⓞ pratham279

SUMMARY

Dynamic and collaborative team player with a proven track record of fostering constructive relationships and driving impactful results in fast-paced environments. Proficient in problem-solving, employing analytical thinking, strategic planning, and creativity to address challenges effectively. Demonstrated ability to actively engage with colleagues, welcome diverse perspectives, and adapt to feedback for continuous improvement and organizational success.

EDUCATION

Dwarkadas J. Sanghvi College of Engineering   **Mumbai, Maharashtra, India**
B.Tech in Artificial Intelligence & Data Science   *2022 – 2026*
Relevant Coursework: Artificial Intelligence, Data Mining, Full Stack Development, Data Structures, Machine Learning, Deep Learning

TECHNICAL SKILLS

Programming Languages: C++, Python, C, JavaScript, Java, HTML, CSS, Django, Bootstrap
Libraries and Tools: Pandas, Numpy, Scikit-Learn, Git, GitHub, Jupyter
Databases: MongoDB, MySQL

EXPERIENCE

Acmegrade – Machine Learning Developer   **Jun 2024 – Aug 2024**
- Developed and deployed machine learning models using libraries like **NumPy**, **Pandas**, **Scikit-Learn**, **TensorFlow**, and **PyTorch**. Implemented feature engineering and hyperparameter tuning to achieve **95% accuracy** in classification tasks and **90% precision** in regression tasks
- Gained hands-on experience in supervised and unsupervised learning, deep learning, and model evaluation. Built real-world ML pipelines for NLP tasks, achieving **92% accuracy** in sentiment analysis and **88% recall** in text classification.

Pantech.ai – Full Stack Developer Intern   **Mar 2024 – Jun 2024**
- As a Full Stack Developer Intern, gained hands-on experience in both front-end and back-end development. Contributed to meaningful projects, enhancing skills in HTML, CSS, JavaScript, and server-side technologies. Developed a dynamic web application, improving user engagement by 20% and optimizing code for faster load times.

PROJECTS

Game Hub ⓞ | React.js, Node.js, Three.js, Socket.io, Blender
- A multi-game platform featuring **Wordle**, **Sims Clone**, and **Tic Tac Toe**. Utilized Three.js and Socket.io in Sims Clone for **real-time interactions** and seamless movement within the game world, enhancing user engagement and providing a **dynamic multiplayer experience**.
- Implemented robust backend and frontend integrations, ensuring **smooth transitions** between games. **Optimized performance** and **scalability**, allowing simultaneous multiplayer sessions and maintaining high responsiveness across all games.

POSITIONS OF RESPONSIBILITIES

- **Events and Logistics Lead** at DJS Beats, the Official Music Club at DJ Sanghvi College of Engineering

CERTIFICATIONS & ACHIEVEMENTS

GitHub Foundations Certification – GitHub
- Successfully completed the GitHub Foundations Certification Exam, showcasing proficiency in **foundational GitHub skills** and concepts. Demonstrated expertise in **version control**, **repository management**, and **collaborative workflows**.

Google's AI-ML Virtual Internship   **Apr 2024 – Jun 2024**
- Gained expertise in ML and computer vision using TensorFlow and Keras, focusing on CNNs, transfer learning, and image processing. Implemented object detection, image classification, and segmentation models with OpenCV and optimized neural networks through hyperparameter tuning and data augmentation.