

SAHIL DOSHI

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EDUCATION

Dwarkadas J. Sanghvi College of Engineering, University of Mumbai, India

Dec 2020 – June 2024

Bachelor of Technology in Computer Engineering.

CGPA: 9.32/10

Honours: Artificial Intelligence and Machine Learning

WORK EXPERIENCE

Logixal| Trainee Engineer

July 2024 – Present

- Collaborated effectively within a team to develop a SaaS project using the MERN stack.
- Implemented agile methodologies to ensure efficient development cycles and maintain code quality and scalability.

Save The Paws| Web Developer

Oct 2022 – Present

- Orchestrated the development of Save The Paws NGO's website using the MERN stack within a collaborative team of 4.
- Continuously maintained and enhanced the site for optimal performance, while fostering cross-team collaboration

Venturing Vibes| Web Developer

Oct 2023 – Nov 2023

- Spearheaded a freelance venture with Venturing Vibes, utilizing Next.js, Node.js, Express.js, and MongoDB to construct a dynamic and responsive website.
- Maintained transparent communication, providing regular progress updates and demonstrations, and seamlessly executed updates as per the client's requests.

ACADEMIC PROJECTS

A Comprehensive Analysis of Research Papers through NLP and Deep Learning

August 2023 - Present

- Led a project utilizing advanced deep learning (BERT, BART) to automate academic content analysis, featuring dynamic summarization, pseudocode-to-code conversion, and mind maps for improved accessibility.

Fauna Care

Oct 2021 – July 2023

- Developed a centralized pet-owner platform, offering grooming, medical services, shopping, adoption, and fostering, enhanced by an innovative recommender system.
- Led the creation and use of a unique dataset to power an advanced pet recommender system, employing diverse algorithms for tailored pet suggestions.
Compiled detailed attributes for 369 dog breeds and 69 cat breeds, creating a dataset for a personalized pet recommender system.

TECHNICAL SKILLS

- **Stacks:** Machine Learning, Deep Learning, MERN
- **Languages:** Python, C, SQL, Java, HTML, CSS, JavaScript, TypeScript.
- **Tools and Framework:** Next.js, React.js, Express.js, Node.js, React-redux, MongoDB, MySQL, TensorFlow, NLTK, Spacy, Matplotlib, NumPy, Pandas, Bootstrap, Git, Github, Material UI, Figma, Tailwind CSS, Android Studio, Firebase.

OTHER PROJECTS

Homies

- Developed a prize-winning React and Django Web App for roommate and flat searches, securing the third prize in TSEC Hacks, a highly competitive hackathon in a team of 4. Implemented personalized matching algorithms based on user preferences for enhanced efficiency in finding compatible roommates and living spaces.

Malaria Detection

- Developed a model capable of detecting Malaria from segmented cell images extracted from thin blood smear slides using TensorFlow with 93.54% accuracy by mimicking the Lenet Architecture.