Vikas Hanamant Talawar

Computer Science Engineering
Specialized in Artificial Intelligence in Data Science
Bachelor of Technology
Indian Institute Of Information Technology, Manipur

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GitHub Profile
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Education

•Indian Institute of Information Technology, Manipur *2022 - Present*
Computer Science Engineering Specialized in Artificial Intelligence in Data Science. CPI: 7.16

•Narayana Junior College, Cheemasandra, Karnataka *2020 - 2022*
The Department of Pre-University Education, Government of Karnataka Percentage: 89.7

•Sanganabasava International Residential School, Kavalagi *2019 - 2020*
Central Board of Secondary Education Percentage: 90.6

Profile

•Aspiring Software Developer | Enthusiastic Learner | Tech Explorer

- Passionate and motivated fresher with a strong foundation in computer science and hands-on experience in coding and web development.
- Languages: C, C++, Python, JavaScript,basic Js libraries, HTML, CSS, LaTeX
- Familiar with web technologies including HTML, CSS, and REST APIs, with experience in building responsive and dynamic web applications.
- Basic knowledge in machine learning concepts such as supervised learning, classification, regression, and model evaluation using Python libraries like scikit-learn and pandas.
- Quick learner with a keen interest in open-source contributions, real-world projects, and emerging technologies like AI and cloud computing.

Projects

•Image Generation Web Application (Full Stack Project) *Live Link*
Tech Stack: React, Next.js, Supabase, Gemini API, Tailwind CSS, MongoDB

- Built a full-stack image generation website using React, Next.js, Supabase, and Gemini API.
- Implemented real-time image generation from text prompts with smooth UI/UX.
- Ensured fast, high-quality image rendering with scalable backend using MongoDB.
- Integrated secure download functionality for generated images.

•Object Detection Model *Live Link*
Tech Stack: React, Next.js, Supabase, Gemini API, Tailwind CSS, MongoDB

- Identifies and draws bounding boxes around specific objects within images or videos.
- Employs computer vision algorithms, often leveraging deep learning architectures.
- Aims to automate the process of locating and categorizing objects visually.
- Performance is typically measured by accuracy metrics like mAP and inference speed.
- Has diverse applications across fields like autonomous driving, security, and robotics.

•Hotel Management Web-API *Live Link*
Technologies used: HTML, CSS, JavaScript, React Js, MongoDB.

- Full-stack website for hotel room booking and management (React, Node.js, MongoDB).
- Intuitive front-end for registration, availability, and payments (HTML, CSS, JavaScript).
- Secure user authentication and admin dashboard for hotel operations.
- RESTful APIs integrated for seamless data exchange between front-end and back-end.
- Deployed online (e.g., Render) for live testing and demonstration.

Technical Skills and Interests

Languages: C, C++, Python, JavaScript, HTML, CSS, LaTeX

Developer Tools: VSCode, Git, GitHub

Frameworks: Bootstrap

Cloud/Databases: MySQL, MongoDB, Firebase

Soft Skills: Leadership, Public Speaking, Self-learning, Presentation, Adaptability, Management, Hands-on experience with AI-powered development tools

Coursework: Operating Systems

Certifications

•**The Joy of Computing Using Python** *Certificate*

NPTEL Online Certification November 2024

•**Introduction to MongoDB** *Certificate*

MongoDB University January 2024