Prajwal R. Tulawe

✉ tulaweprajwal@gmail.com ☎ +91 9890686713 / 9850240593

🌐 https://portfolio-prajwaltulawe.vercel.app/ 🔗🐙◉ /prajwaltulawe

ACADEMIC DETAILS --

- **Bachelor of Engineering in Information Technology (SPPU)** — SGPA : 8.45
  International Institute of Information Technology, Hinjawadi — *-- 2021 – 2024*

- **Diploma in Information Technology (MSBTE)** — Percentage : 89.94%
  Pimpri- Chinchwad Polytechnic, Akurdi — *-- 2018 – 2021*

EXPERIENCE --

- **SOCIANTE PVT. LTD** — *--Sep 2023 – Apr 2024*
  Software Developer Intern — Pune, Hybrid
  - Lead **backend development** for an Automatic Number Plate Recognition **(ANPR) system**.
  - Created an **API Gateway** which support **request source authentication** using **JWT** authentication, along with request validation and **API routing.**
  - Implemented **watcher service** for image processing of live images received via **SFTP server**.
  - Used **MongoDB** for database management along with **PyMongo** for data operations. Additionally, **designed the database structure** with optimal organization of record attributes.
  - Developed **REST APIs** for various services including **integration of machine learning models**.
  - **Designed an algorithm** that resolved OCR result ambiguity, **increasing success by 24.43%**.
  - **Modified and enhanced** an **open-source annotation tool** to meet project requirements and **contributed improvements back** to the open-source community.
  - Contributed to team efforts in development of ML models and frontend of application.

- **Fiverr and local clientele** — *--Nov 2021 – Aug 2023*
  Freelancer- Web Developer, and Graphic Designer — Pune, Remote
  - Provided solutions for clients across India, Australia, Canada, United States, Spain, Germany, and Netherland, catering to a **global clientele** with customized **web and graphic solutions**.
  - Maintained an overall **5/5 star rating** in fields such as Communication with Buyer, Service as Described, Buy Again or Recommend.

PROGRAMMING LANGUAGES AND TECHNOLOGIES --

Languages :	JavaScript, TypeScript, PHP, Python HTML, CSS			
Library :	REACT.js, Puppeteer, Socket.io	**Runtime Env.**:		Node.js
Framework :	Laravel, Express.js, Pug, Flask	**Database** :		SQL/ MySQL, MongoDB

PROJECTS --

- **ImgLab ↗** — *--Open Source Contributor*
  Developed a function that **enhanced ImgLab**, an open-source browser-based image annotation tool having **72,000+ yearly users** to **export labeled data into YOLO format** which optimized its compatibility and ease of use in ML applications.

- **My Personal Manual ↗** | Php, Sql, JavaScript, HTML, CSS, Bootstrap. — *--Client (Netherland)*
  Created a web application that generates **customized downloadable PDF report** based on the answers provided by the user. Collects response data of questionnaires along with regional coordinates for further analyzing psychology users from different regions

- **CropBid** ↗ | JavaScript, Php, Sql, HTML, CSS.

  CropBid is an online **web based application**, developed to **reduce the exploitation of farmers** by allowing them to **receive best price quotation** for their harvest by increasing their network and **connecting them globally through our platform.** It is inspired by the **concept of betting** but in the favor of **farmers to maximize profit.**

- **Student Career Suggestion** ↗ | Python (flask), Php, Javascript, Bootstrap   --*Client (India)*

  It is a microservice application. The intuitive career system uses **student responses** to a set of questions. It leverages **existing student data** to map personal interests to careers and **uses machine learning algorithms** to process new inputs and provide **results based on prior data analysis.**

- **Mediafire BOT** ↗ | Puppeteer, Node.js, JavaScript, HTML

  Mediafire is an online cloud service provider in which if a **regular user** needs to download all files from a folder, they **need to face several pop ups and continue a looping process.** This bot is made to **escape from this situation as it automates the process.**

- **PI2IT2** ↗ | MERN Stack (HTML, CSS, JavaScript, Bootstrap, React, Node.js, MongoDB).

  Pi2it2 is an **online web application** specifically designed for students of I2IT to **share assignment links** of **specific practices** that can be **used as reference** by other students. It has a **like and dislike function** to **rank best assignments** at the top. Scalability of application is maintained using REST Api's.

- **Quotation Generator** ↗ | HTML, CSS, JavaScript.

  Quotation Generator is a **free online web application designed** for creating quotations in **PDF format,** currently **used by** small and medium scale enterprises, freelancers and service providers for **providing quotations to their clients** and **personally designed one** for a medium scale service provider for his daily business.

- **Ecommerce Admin panel** ↗ | Laravel (php), Sql, JavaScript, Bootstrap, HTML, CSS.

  E-commerce admin panel is a powerful web app **built on Laravel (PHP),** empowering admins with robust **eCommerce functionalities. Manage products, orders, and inventory effortlessly,** with the **MVC architecture**, ensuring seamless performance, task management and **scalability of online store.**

- **Chat Application** ↗ | Socket.io, Node.js, JavaScript, HTML, CSS.

  Chat application is a **user-friendly, real-time communication platform** for individuals. It allows users to **exchange messages and engage in group conversation.** With its **simple interface** and **easy connectivity,** the application enables instant and convenient communication **across various devices.**

CERTIFICATIONS --

- **Web3 Dev. Bootcamp** by **Alchemy University**   – Pursuing
- **Certificate of Participation** by **Hack The Mountain 3.0** ↗   Aug 2022
- **CEFR B2** in test of **English Proficiency** by **BRITISH COUNCIL** ↗   – Jun 2020 21
- Certificate of **soft skill training** organized by **Global Talent Track** ↗   – 26th Oct 2021

PAPER PUBLISHED --

Prajwal Tulawe, Krish Sharma, Pranav Wakhare, Yash Bhalerao, Prof. T.R.Shinde: "Biometric based motorbike ignition starter using Arduino" - International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume:03/Issue:02/February-2021, Impact Factor-5.354. ↗