

Balasara Drona Prakash

WEB DEVELOPER | PYTHON PROGRAMMER | MULTIMEDIA DESIGNER

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GitHub - <https://github.com/Drona-Balasara> | LinkedIn - <https://www.linkedin.com/in/drona-balasara/>

Portfolio Website - <https://drona-balasara.github.io/PORTFOLIO-WEBSITE/>

Summary

- Full-Stack Python Developer skilled in building responsive web applications using Python, Django, Flask, React, and REST APIs. Experienced in UI/UX design, database management (MySQL, PostgreSQL, MongoDB), and Agile practices. Developed AI-integrated solutions using OpenCV and prompt engineering. Strong blend of technical expertise and creative problem-solving with experience in multimedia design, video production, and collaborative project delivery.

Technical Skills

- Languages & Frameworks:** Python (Kivy, PyTorch), JavaScript (React, Context API), HTML, CSS
- Developer Tools:** Git, VS-Code, AI Code Editors (Cursor, Kiro, Trae), GitHub Copilot, N8N
- Design & Competencies:** UI/UX Design, Adobe Suite (Photoshop, Premiere Pro), Prompt Engineering

Projects

- Hybrid AI Translator** | *Python, Kivy, PyTorch, OpenCV*

Engineered a production-ready Android translator that achieved 95% accuracy in online mode and offline as well. The integrated OpenCV OCR engine successfully processed text from images with over 90% accuracy.

GITHUB REPO ([Click Me](#)) | Live Deployment ([Need Android APK](#))

- ALUMNET** | *React, Context API, JavaScript*

Developed a full-stack alumni platform for a target user base of 500+, featuring an AI career assistant that reduced manual career advisory questions by 25%. Managed global state for all features using the Context API.

GITHUB REPO ([Click Me](#)) | Live Deployment ([Click Me](#))

- Revive Peace** | *HTML, CSS, JavaScript*

Engineered a responsive mental wellness app that includes 7 therapeutic games and a secure user journal with full CRUD functionality. The integrated AI chatbot was designed to improve user engagement by providing instant, supportive responses.

GITHUB REPO ([Click Me](#)) | Live Deployment ([Click Me](#))

- Product Trust Analyzer** | *PHP, JavaScript, HTML/CSS, JSON Database*

Developed a web application that analyzes Amazon and Flipkart product reviews to detect fake reviews and generate trust ratings. Implemented advanced pattern-recognition algorithms for text, rating, and timing analysis, with secure user authentication and session management. Built a responsive UI with caching, analytics dashboard, and RESTful APIs for seamless review analysis and user tracking.

GITHUB REPO [Simple] ([Click Me](#)) | GITHUB REPO [Full] ([Click Me](#)) | Live Deployment ([Click Me](#))

Professional Experience

- Web Development Intern – IEEE EMBS, Pune (Remote)** 06 / 2025 – 08 / 2025

Built responsive web apps with HTML, CSS, and JS while collaborating on project scope and marketing strategies. Additionally, I created multimedia content by designing visuals in Photoshop and editing videos in Premiere Pro.

- Freelance Web Developer – Self-Employed, Gandhinagar** 04 / 2025 – 05 / 2025

Built responsive websites for multiple clients using HTML, CSS, and JavaScript. In this role, I also set measurable goals, tracked the performance of web projects, and provided post-launch support and technical troubleshooting.

- Video Editor & Graphic Designer – YouTube Channel (Remote, Gujarat)** 01 / 2022 – 05 / 2024

Edited and produced over 50 videos for a YouTube channel, increasing the subscriber count by 15%. I designed engaging thumbnails and channel art using Adobe Photoshop to improve click-through rates and managed content scheduling to develop a consistent brand identity.

Education

- Bachelor of Computer Applications - Kadi Sarva Vishwavidyalaya, Gandhinagar Expected: 05/2026

Certifications

- Python Framework | Udemy | 2025
- Video Editing Masterclass | Aezy TV | 2024
- AI Tool Workshop | Be10X | 2025
- Internship Completion | IEEE EMBS Pune | 2025
- IT Fair Runner-up | Inter College | 2024
- Participation in SIH, SSIP, ISRO, Sampark