Balasara Drona Prakash

WEB DEVELOPER | PYTHON PROGRAMMER | MULTIMEDIA DESIGNER

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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
- **AI & Research Tools:** ChatGPT-4, Perplexity AI, N8N

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 | Aevy 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