Ronak Gaikar

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Pune, India

SKILLS

Languages : JavaScript, HTML, CSS, C, C++, Python
Web/Backend : Node.js (learning), Express (learning), Responsive Web Design
AI/CV Tooling : OpenCV, MediaPipe, Tkinter
Tools : Git, GitHub, Android Studio, VS Code, Linux, Notion

PROJECTS

PromptCoach | *React.js, Express.js, Gemini API* Aug. 2026

- Developed a full-stack AI application that helps users improve prompt writing by identifying missing elements such as Goal, Audience, Tone, Format, and Length.
- Built a modular React frontend and integrated it with an Express.js backend using REST APIs and the Fetch API for seamless communication.
- Integrated the Google Gemini API to analyze user prompts and generate structured JSON responses containing prompt analysis, actionable suggestions, and improved prompts.
- GitHub

MerchStore | *Kotlin, Jetpack Compose*

- Developed a full Android e-commerce application featuring product catalog browsing, cart management, and checkout flow
- Used AI-assisted development to accelerate implementation while learning Compose UI patterns and Android app architecture
- GitHub

Hand Gesture Scroll Control | *Python, OpenCV, MediaPipe* Aug. 2025

- Built a computer-vision application enabling touchless scroll control via real-time hand tracking and gesture recognition from webcam input, using AI-assisted development to accelerate implementation
- Applied image processing and human-computer interaction concepts to translate hand landmarks into scroll actions
- GitHub

Local PDF Tool | *Python, Tkinter* Aug. 2025

- Built a desktop PDF utility with a GUI supporting image-to-PDF/PDF-to-image conversion, merging, splitting, encryption/decryption, and compression, using AI-assisted development to speed up implementation
- Designed all processing to run fully offline on-device, ensuring user privacy with no external uploads
- GitHub

EDUCATION

AISSMS College of Engineering 2025 – 2029 (Expected)
B.Tech, AI & ML Engineering Pune, India

- **CGPA**: 9.45 (Semester 1: 9.32, Semester 2: 9.59)

S K Somaiya Vidyavihar's College of Arts, Science & Commerce Jul. 2023 – May 2025
11th & 12th, Science (PCM with Computer Science) Mumbai, India

- Class 12: 81% | Class 11: 89.60%

ACHIEVEMENTS

Maintained a **9.45 CGPA** across first two semesters of B.Tech (9.32, 9.59)

Coding since Class 6; self-taught across web development, Android, and Python before formal engineering study