

# Dhairya Adroja

+91 9664847885  
✉ dhairyaadroja3391@gmail.com  
in adroja-dhairya-203b85348  
🔗 Dhairya3391  
🌐 Portfolio: noobokay.me

## Profile

Curious technologist and self-taught builder passionate about automation, retro tech, and real-world problem solving. 15+ projects across Linux, Android, and AI/ML. Systems thinker who values elegant engineering, minimalism, and community-driven tech.

## Skills

<b>Languages</b>	Python, JavaScript, TypeScript, Java, C#, Rust, SQL, Shell
<b>Frameworks</b>	React, Next.js, Flask, ASP.NET, MERN Stack
<b>Data/AI</b>	PyTorch, TensorFlow, scikit-learn, OpenCV, MongoDB, PostgreSQL
<b>DevOps/Tools</b>	Docker, Git, Linux, Vercel, Postman, Neovim, Zsh, Termux

## Projects

### MatterMind - Physics Sandbox, [GitHub](#) · [Live Demo](#)

- Interactive physics simulation with real-time particle systems and collision detection.
- Demonstrated mathematical modeling and optimization.

### Interactive Search Engine, [GitHub](#) · [Live Demo](#)

- Full-featured search app with advanced indexing and ranking algorithms.
- Built scalable architecture for efficient information retrieval.

### Enterprise Chat Application, [GitHub](#)

- Production-grade real-time chat with secure authentication and admin dashboard.
- Implemented intelligent message filtering and moderation.

### AI-Powered Wallpaper Manager, [GitHub](#)

- ML-based wallpaper system with auto-tagging and similarity clustering.
- Applied practical AI to daily-use desktop environments.

## Engineering Mindset

I build to simplify. Whether it's automating daily tasks, crafting tools in Termux, or experimenting with AI, I treat every project as a practical solution — not just a codebase.

Engineering to me is clarity, control, and curiosity. I prefer terminals over GUIs, reuse over routine, and clean code over complexity. If it works, I improve it — if it breaks, I learn.

## Education

May 2023 – May 2027 (Expected) **B.Tech in Computer Science & Engineering, Darshan University, Rajkot, Gujarat, India**

Aug 2020 – May 2023 **Diploma in Computer Science & Engineering, Kalyan Polytechnic, Jamnagar, Gujarat, India**