

Diya Kote

diyakote14@gmail.com | github.com/diya1411 | [linkedin.com/in/diya-kote/](https://www.linkedin.com/in/diya-kote/) | diya-portfolio-delta.vercel.app/

Computer Science (AI & ML) undergraduate with hands-on experience building production-grade full-stack applications and AI-assisted tools. Interested in AI-powered systems, developer tools, and user-centric products.

PROJECTS

edbn/ui | AI platform generating accessible, reusable enterprise UI components ui.edbn.me

- **Technologies** - Next.js 16, React 19, Tailwind CSS v4, TypeScript, Radix UI, Motion (framer-motion fork), Vitest
- Developed a **SaaS platform** generating **accessible, reusable UI components** for enterprise systems
- Integrated **RAG-based retrieval** to maintain **W3C/ARIA-compliant** design and code consistency

DocuClear | legal document analysis tool docuclear-243081461378.us-west1.run.app/

- **Technologies** - React, TypeScript, Vite, TailwindCSS, Flask, Python, PyPDF2, Tesseract OCR, OpenCV, Pillow
- Translated complex legal contracts into **clear, actionable insights** for non-legal users
- Implemented **clause detection, OCR-based parsing, and LLM-driven risk summaries**

BridgeAI | PR & Technical Communication Translator bridge-ai-fawn.vercel.app/

- **Technologies** - Next.js, React 19, TypeScript, Tailwind CSS, Radix UI, Supabase (Auth, PostgreSQL)
- Built an **AI tool** converting **PRs, commits, and bug reports** into **role-specific explanations** using **RAG**
- Designed **structured prompts** to retain **technical accuracy** while improving clarity

Plant Care Companion github.com/diya1411/Plant-Care-Companion

- **Technologies** - React, Node.js, Express, MongoDB, Mongoose, JWT
- Developed a **full-stack web application** for plant management with secure **JWT authentication** and prototype **ML-based disease identification pipeline**

UI/UX Design

- Designed **responsive interfaces and visual systems** for [Kommodex](#), [Unicat](#), and [Deetnuts](#), focusing on **usability, brand consistency, and clean layouts**

SKILLS

- **Languages:** Python, TypeScript, JavaScript, SQL, C++, R
- **Frontend:** React, Next.js, Tailwind CSS, Radix UI
- **Backend & AI:** Node.js, Express, REST APIs, LLMs, RAG
- **Databases & Tools:** MongoDB, PostgreSQL, GCP, Supabase, Git, Figma, Vercel

EXPERIENCE

Web Development & Teaching Intern May 2025 — Dec 2025
PCMC Science Park *Pune*

- Developed and deployed the [AI Learning](#) website to introduce students and adults to **fundamental AI concepts**
- Designed and delivered **interactive teaching material** for **100+ learners** across **5+ workshops**, simplifying complex ideas into **engaging, accessible content**

LEADERSHIP, HACKATHONS & PUBLICATIONS

- **Design Lead**, GDG Campus & AiMSA: Led **design strategy and branding** for a **200+ member** technical community.
- **Ignite'25 Program Participant** (BITS Pilani): Selected for a **startup accelerator**; pitched **edbn/ui** to **VCs** and received strong **investor interest** and **mentorship**
- Developed and presented **open-source tools** at **FOSS Hack (2024, 2025)**
- **Copyright Registered** – TrashXchange (SW-19226/2024): Co-authored an **e-commerce marketplace** connecting **industrial waste generators** with **recyclers**

EDUCATION

Pimpri Chinchwad College of Engineering | GPA: 7.3/10 Pune
Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence and Machine Learning) 2023 — 2027