

# LUKMAAN NADAF

[lukmaannadaf@gmail.com](mailto:lukmaannadaf@gmail.com) | +91 9108623716 | Bengaluru  
[LinkedIn↗](#) | [GitHub↗](#) | [Portfolio↗](#)

## **Professional Summary**

Final-year MCA student at PES University and full-stack developer skilled in building production-grade, real-time, AI-integrated web applications using Next.js 14, TypeScript, React, Node.js, Convex, Liveblocks, and Google Gemini API. Delivered freelance solutions that eliminated manual processes and engineered collaborative platforms with infinite canvas and conflict-free synchronization.

## **Experience**

**Full-Stack Developer (Freelance)** Starline Industries 2024 – Present

Battery Price Calculator – [starlinecalc.vercel.app↗](https://starlinecalc.vercel.app)

- Designed and developed a dynamic pricing web application using Next.js 14 + TypeScript that calculates real-time battery costs based on fluctuating raw material prices.
- Replaced error-prone manual Excel calculations with instant, accurate, client-side computation and responsive UI.
- Deployed on Vercel Edge Network, delivering sub-second performance and 100% uptime for the client's sales team.

## **Skills**

**Languages:** JavaScript, TypeScript, Python, Java (basics)

**Frontend:** React.js, Next.js 14, Tailwind CSS, HTML5, CSS3

**Backend:** Node.js, Express.js, Convex (Reactive Backend), REST APIs

**Databases:** MongoDB, Prisma (basic), MongoDB Atlas

**Real-Time Collaboration:** Liveblocks (presence, multi-user sync)

**AI Integration:** Google Gemini API

**Tools & Deployment:** Git, GitHub, Vercel, Render

**Other Skills:** SDLC workflow, coding with teams, writing clean and maintainable code

## **Projects**

**PolyNote — Real-Time Collaborative Workspace**

[polynote.vercel.app↗](https://polynote.vercel.app)

- Architected a multiplayer collaborative editor with conflict-free real-time synchronization using Convex (reactive backend) and Liveblocks.
- Integrated Google Gemini 1.5 Flash API for AI-powered text summarization, grammar correction, tone adjustment, and smart suggestions.
- Built infinite canvas with live multi-user cursors, freehand drawing, sticky notes, and fully responsive mobile + desktop experience.

## Hazel — Full-Stack Social Media Platform (MERN)

[hazelsocial.netlify.app↗](https://hazelsocial.netlify.app)

- Developed a complete social networking app with JWT-secured authentication, infinite-scroll feed, likes, comments, follows, and image uploads.
  - Built secure Node.js + Express backend with MongoDB, rate limiting, input sanitization, and automated CI/CD via GitHub Actions.
  - Deployed backend on Render and frontend on Netlify.
- 

## Education

### **Master of Computer Applications (MCA)**

PES University, Bengaluru

2024 – 2026

### **Bachelor of Computer Applications (BCA)**

SDVS Sangh's BCA College, Sankeshwar

2020 – 2023

## Achievements & Activities

- Completed multiple end-to-end full-stack projects with live deployment and public demos.
- Self-taught advanced tools like Convex, Liveblocks, and AI API integration through hands-on building.
- Consistently delivered clean, maintainable, and user-focused code.
- Passionate about learning new technologies, real-time web apps, and writing performant frontend code