# KALYAN MANNA

Full-Stack Developer

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## TECHNICAL SKILLS

**Frontend:** React.js, Next.js, React Native, Expo, Tailwind CSS, shadcn/ui, Framer Motion
**Backend:** Node.js, Express.js, Django, Fastify
**Databases & ORM:** PostgreSQL, MySQL, MongoDB, Drizzle ORM, Prisma ORM
**Languages:** JavaScript, TypeScript, Python
**Tools:** Git, GitHub, Postman, VS Code, Vercel, Render

## PROJECTS

**Deadweight - VS Code Dead Code & Dependency Cleanup Tool** | TypeScript, Node.js, esbuild | GitHub | Live

- Built a VS Code extension that scans large codebases to identify unused dependencies and potentially dead files, helping developers reduce codebase clutter safely.
- Integrated static-analysis tooling to detect unused packages and files, with confidence-aware findings to distinguish actionable cleanup from potentially risky removals.
- Designed a safe cleanup workflow with Remove → Undo support, allowing developers to review findings and reverse changes without manually restoring deleted files.

**Kalyan Manna Portfolio - Full-Stack Developer Portfolio |** Next.js, TypeScript, Tailwind CSS, Node.js, Express.js, PostgreSQL | GitHub | Live

- Designed and developed a production-ready personal portfolio from scratch, featuring project showcases, guestbook, interactive pages, contact workflows, and a responsive premium UI.
- Built a custom Express.js backend with PostgreSQL integration for dynamic features, while implementing animations and interactions using Framer Motion and Tailwind CSS.
- Deployed the application using Vercel with a custom domain and implemented SEO optimisation, Google Search Console integration, responsive design, and performance-focused asset optimisation.

**EasyPG - Student Housing Discovery Platform** | React Native, Expo, Node.js, Express.js, PostgreSQL | GitHub

- Built a mobile platform for discovering nearby PGs, hostels, and mess facilities, with role-based workflows for students and property owners — listings, inquiries, visit requests, and bookings.
- Implemented authentication, location-based property discovery, advanced filtering, image uploads, saved listings, and direct phone and WhatsApp communication between students and property owners.
- Designed the PostgreSQL schema and REST APIs supporting both user roles through a unified backend.

## EXPERIENCE

**Freelance Full-Stack Developer** | Self-Employed

- Delivered multiple client projects end-to-end: websites, web apps, and mobile apps — owning client communication, planning, development, deployment, and handover.
- Built a custom CRM and a Certificate Management System that cut certificate issuance time by 50%.
- Handled API integration, database design, testing, and production deployment across all engagements.

**Co-Founder & Developer** | EasyPG

- Led product planning and the technical roadmap from concept to a working platform; defined and shipped the student and property-owner workflows described above.
- Owned platform delivery: feature prioritisation, release planning, and iteration based on user feedback.

## ACHIEVEMENTS

- **1st place, Hacktoberfest X JIS** — in-person hackathon focused on open-source and rapid prototyping. *Oct 2026*
- **1st place, VISION X** — startup competition focused on solving real-world problems. *Sep 2025*

## EDUCATION

**Brainware University** *Aug 2026 – Expected Jun 2029*

Bachelor of Technology in Computer Science and Engineering | Lateral Entry

**Iswar Chandra Vidyasagar Polytechnic** *Sep 2023 – Jun 2026*

Diploma in Computer Science and Technology | Overall GPA: 8.5/10 | Semester 6 GPA: 8.2/10