

# NIRMAL NEGI

Full-Stack Lead Developer

New Tehri, Tehri Garhwal, Uttarakhand

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## Professional Summary

Full-Stack Lead Developer with 4+ years of experience designing, building, and scaling web applications across the .NET, React, and Node.js ecosystems. Proven record of leading small engineering teams, architecting multi-tenant systems, optimizing database performance, and shipping AI-powered features using RAG and LLM integrations. Focused on clean, maintainable code and measurable business impact.

## Technical Skills

**Languages:** JavaScript, TypeScript, C#, PHP, Python, Java, SQL, HTML5, CSS3

**Frontend:** React.js, React Native, Angular, TailwindCSS, Bootstrap

**Backend:** Node.js, .NET (MVC), Django, Laravel, RESTful APIs

**Databases:** MySQL, PostgreSQL, Drizzle ORM

**AI / LLM:** RAG, Qdrant (Vector DB), Gemini, OpenAI, Embeddings, Langfuse

**DevOps & Cloud:** AWS, CI/CD, Git, GitHub, Multi-tenant Architecture

**Testing & Tools:** Cypress, Postman, Figma, VS Code, Visual Studio, Android Studio

## Professional Experience

**Lead Full-Stack Developer** | Lend-A-Hand India

Feb 2025 – Present

Lighthouse | .NET (MVC), Angular, MySQL, AWS, CI/CD

- Joined as the **first in-house developer** at Lend-A-Hand India; set up and led an in-house engineering team of **3 developers** building Lighthouse (a vocational-education platform), mentoring them onto production project work.
- Architected the migration of Lighthouse from a **single-tenant to a multi-tenant architecture**, now running **11 live tenants** across Indian states on isolated, shared infrastructure while cutting per-deployment overhead.
- Consolidated the **Pathways** product into Lighthouse by merging its admin portal, unifying **two separate admin systems into one** and eliminating duplicate data maintenance across applications.
- Optimized SQL stored procedures, **improving query performance by up to 90%** and removing critical bottlenecks.
- Built **CI/CD** pipelines and a standardized change-request framework, replacing a manual, error-prone FTP-based deployment and **cutting deploy time by about 75%** (from roughly 20 minutes to under 5).
- Handled **DevOps** for the multi-tenant setup — provisioning new tenants, configuring them, and deploying them live to production.

Kaushal Saathi | Node.js, Express, tRPC, TypeScript, MySQL, Drizzle ORM, Qdrant, Gemini

- Backend developer on Kaushal Saathi, an **AI-powered teaching companion** for the Kaushal Bodh vocational curriculum (Grades 6–8) that helps teachers generate lesson plans and access AI coaching.
- Built a **RAG (Retrieval-Augmented Generation) pipeline** grounding LLM-generated **lesson plans** in curriculum textbooks: chunked and embedded PDFs into **Qdrant** and retrieved by grade + semantic similarity, keeping content curriculum-accurate and reducing hallucination.
- Developed the **AI chat / coaching** feature on the same retrieval layer, with automatic grade detection and curriculum + pedagogy context injection.
- Integrated **Langfuse** for LLM tracing and cost tracking; diagnosed and resolved a token/cost-accounting bug for accurate per-provider reporting.

**Full-Stack Developer** | ColoredCow, Gurgaon

Jun 2022 – Feb 2025

- Built and shipped full-stack features across multiple client products using Laravel, PHP, React.js, Angular, .NET, Django, and React Native.
- Delivered features for multiple NGO and social-impact products across the full development lifecycle, from requirements to release.

- Integrated RESTful APIs and third-party services across web and React Native mobile apps, ensuring responsive, cross-device experiences.
- Collaborated with senior developers to resolve bugs, enhance UI/UX, and write automated tests, improving product quality and user experience.

## Projects

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[Wisdom Circle](#) | [Vue.js](#), [Nuxt.js](#), [TailwindCSS](#)

- Frontend developer on a global platform connecting retired professionals with meaningful engagements; built responsive layouts, dynamic forms, and core UI functionality.

[Mentor Together](#) | [React.js](#), [Django](#), [REST APIs](#), [PostgreSQL](#), [React Native](#)

- Full-stack developer on a mentorship platform; resolved bugs, delivered UI enhancements, and contributed to DevOps and deployment.

[ColoredCow Portal](#) | [HTML](#), [CSS](#), [PHP](#) ([Laravel](#))

- Developed a clean, responsive company portal optimized for a seamless experience across all devices.

## Education

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**THDC Institute of Hydropower Engineering & Technology, Uttarakhand**      **Jun 2018 – Jun 2022**  
*B.Tech in Computer Science & Engineering*