

# LOVELEET VERMA

Associate Project Manager — Product-Focused Engineer

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## Summary

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Associate Project Manager with strong hands-on experience in frontend, backend, and database systems. Currently building scalable SaaS and e-learning platforms serving **250K+ students in the US**. Known for owning features end-to-end, leading cross-functional teams, building PoCs, and translating business requirements into scalable technical solutions.

## Education

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**Seth Jai Parkash Mukand Lal Institute of Engineering and Technology**  
*B.Tech in Computer Science*

**2019 – 2023**  
CGPA: 8.65

## Skills

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**Frontend:** Next.js, React.js, TypeScript, Tailwind CSS, Shadcn, HTML, CSS  
**Backend:** Node.js, Hono, Drizzle ORM, Payload CMS  
**Databases:** PostgreSQL, pgvector, Supabase, MongoDB  
**AI & Integrations:** OpenAI Embeddings, GPT-4o-mini, Stripe, PayPal  
**CI/CD & DevOps:** CI/CD Pipelines, GitHub Actions, Build & Deployment Automation  
**Tools:** Plane, Excalidraw, GitHub, PRD Writing, PoC Development, Agile

## Experience

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**Convivty Technology Pvt. Ltd.**

**July 2023 – Present**

*Associate Project Manager*

*Chandigarh, India*

- Promoted from Frontend Developer to Associate Project Manager based on ownership and execution impact.
- Led cross-functional teams to deliver scalable product features across frontend, backend, and database layers.
- Managing development of an **e-learning platform serving 250K+ students in the US**, including content delivery, user roles, and monetization.
- Built and managed a complete **affiliate system** with referral tracking, commission logic, and admin dashboards.
- Designed and implemented a **multi-method checkout system** supporting subscriptions and one-time payments via Stripe and PayPal.
- Owns the full feature planning lifecycle – writing PRDs, defining PoCs, and breaking requirements into executable tasks.
- Collaborate closely with stakeholders to align technical decisions with product strategy and business goals.

## Projects

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**Codebase Memory Assistant** | *Next.js, Hono, PostgreSQL + pgvector, OpenAI* | [GitHub](#)

**2025 – Present**

- Built an AI-powered developer tool that ingests codebases, builds semantic memory using vector embeddings, and enables natural-language queries about code with semantic search, AI chat with file references, and a syntax-highlighted file explorer.
- Implemented **impact analysis** to visualize dependencies and assess risk before modifying files; enforced strict AI behavior rules to prevent hallucination – answers are grounded solely in retrieved code context with cited file paths. Supports 15+ languages.

**Dev-Edge – Interactive Tech Learning Platform** | *Next.js, React 19, TypeScript, Tailwind CSS, MDX* | [GitHub](#)

**2025 – Present**

- Building a premium, gamified technology learning platform combining structured MDX-driven curriculum with real-time interactive sandboxes – think Frontend Masters meets a live coding environment.
- Architected a dual-surface lab system where lessons render labs inline via `next-mdx-remote` and a standalone **Lab Explorer (/labs)** serves isolated interactive React environments from a central registry, with content, ordering, and UI fully decoupled for independent scaling.

**ArtBook – Art Marketplace & Auction Platform** | *Next.js, TypeScript, Drizzle, PostgreSQL* | [Live](#)

**2025 – Present**

- Building a full-scale art marketplace enabling artists to list artworks and users to buy, sell, and participate in live auctions.
- Designed role-based dashboards for Admins, Artists, and Buyers with granular access control and auction workflows including bid validation and time-based closing logic.

**Database Query Explainer** | *Next.js, Hono, PostgreSQL* | [GitHub](#)

**2025**

- Built a developer tool that explains SQL queries in plain English using `EXPLAIN ANALYZE` to detect performance issues such as full table scans and missing indexes.
- Visualizes query execution plans and provides optimization suggestions including index recommendations and query rewrite hints.

## Achievements

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- Solved 250+ DSA problems on GeeksforGeeks, strengthening algorithmic and optimization skills.
- Led and conducted a month-long web development bootcamp for students, covering frontend fundamentals through to full-stack deployment.
- Recognized internally at Convivty Technology for leadership, ownership, and product execution excellence.