

VIVEK KUMAR

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PROFESSIONAL SUMMARY

Experienced Senior Full-Stack Engineer and Tech Team Lead with 5.5+ years of expertise in architecting scalable web and mobile applications. Proficient in React, Next.js, NestJS, TypeScript, GraphQL, and MySQL. Adept at leading cross-functional teams, optimizing APIs, improving performance, and mentoring developers. Passionate about building clean, maintainable code and exploring cutting-edge technologies like Web3, Blockchain, and AI.

TECHNICAL SKILLS

- **Languages & Frameworks:** JavaScript, TypeScript, Node.js, NestJS, Express.js, React, Next.js, Flutter,
- **Databases & CMS:** MySQL, MongoDB, Firebase, TypeORM, Strapi, WordPress
- **API & Integrations:** REST APIs, GraphQL, Webhooks, WebSocket, AI integration
- **DevOps & Tools:** Docker, Git, Postman, Trello, Teamwork, Brightdata, Swagger
- **UI & Styling:** Tailwind CSS, Shadcn UI, HTML, CSS, Bootstrap, Mantine UI, D3.js
- **Methodologies:** Agile/Scrum, Microservices, Performance Optimization, Team Leadership
- **Soft Skills:** Communication, Collaboration, Problem Solving, Mentoring

WORK EXPERIENCE

Senior Full Stack Engineer & Tech Team Lead

NewRise Technosys Pvt Ltd | Bhopal

April 2021 - Present

- Developed and deployed scalable web apps using React/Next.js, Node.js/NestJS, Docker, and MySQL.
- Led a cross-functional team of 8+ developers, resulting in a 25% boost in code quality and team productivity.
- Optimized backend queries, improving performance by 30% and reducing server load by 40%.
- Built admin panels for government and enterprise applications, enabling seamless operational workflows.
- Mentored junior developers through code reviews, pair programming, and architectural discussions.
- Integrated modern tech stacks including GraphQL, Flutter, and Tailwind CSS for high-performance UI/UX.

Frontend Developer

GigIndia - Embibe | WFH

Jan 2020- March 2021

- Customized themes and plugins for education platforms, increasing engagement and SEO ranking.
- Led complete site migrations, achieving 35% faster load times and improved UX.
- Built reusable WordPress components to accelerate future project timelines.

EDUCATION

Master of Science

- Indian Institute of Technology, Patna | Artificial Intelligence and Cyber Security | 2025-2027

Bachelor of Engineering

- RGPV University, Bhopal | Graduated 2016

Intermediate

- CBSE, Darbhanga | Completed 2012

CERTIFICATIONS & RECOGNITION

- **Best Employee of the Year (2024)** – NewRise Technosys Pvt. Ltd.
- **Certifications:** C/C++, Embedded C
- **Languages:** English, Hindi, Spanish (basic)

PROJECTS

Accounting Software

Timeline: Aug 2024 - Nov 2024

Beej Nigam M.P. (Govt.) URL: <https://beejnigam.nrt.co.in/>

- Developed backend for accounting software using NestJS and GraphQL.
- Optimized core modules for invoice management, transaction processing, and receiving.
- Created scalable database entities, migrations, and APIs for seamless integration.
- Implemented role-based access control (RBAC) to secure sensitive financial data.
- Leveraged GraphQL for efficient and flexible frontend querying.
- Wrote unit and integration tests to ensure backend reliability and accuracy.

News Portal- MoneyOval

Timeline: March 2025 - Apr 2025

MoneyOval URL: <https://moneyoval.com/>

- Developing a dynamic news portal with a Next.js frontend, Nest.js and Strapi backend, MySQL database, and a Flutter mobile app.
- The platform ensures seamless content management and an engaging user experience across web and mobile.
- Technology Used: Next.js, Nest.js, MYSQL, Tailwind CSS, GraphQL, Strapi and Flutter

ANM Didi

Timeline: Feb 2024 - Jun 2024

NHM (Govt.) URL: <https://anmdidi.com>

- Designed and implemented a robust backend system using NestJS and GraphQL for NHM ANMDIDI.
- Implementing task and Schedule for Pregnant women as per described by Ministry of Health.

Contract Management System

Timeline: Jan 2023 - May 2023

KPMG

- Developed a system to create and manage contracts between two parties such that everything is streamed line.
- Admin panel development along with backend and frontend applications.
- Technology Used: React, Nest.js, MYSQL, Tailwind CSS, Docker

Meeting, Notes, PACT, and MOM Management

Timeline: Aug 2022 - Nov 2022

KPMG URL: <https://cpcl.pivot.kpmg.com/pact/login>

- Developed a system to manage upcoming meetings, notes, and tasks, capturing meeting details directly from emails and organizing related tasks and notes.
- Admin panel development along with backend and frontend applications.
- Technology Used: React, Nest.js, MYSQL, Tailwind CSS, Docker

Daily Progress Report

Timeline: May 2022 - Jul 2022

KPMG URL: <https://cpcl.pivot.kpmg.com/dpr/login>

- Developed a system to manage and update the daily progress report of the task or work within organizations.
- Admin panel development along with backend and frontend applications.
- Technology Used: React, Nest.js, MYSQL, Tailwind CSS, Docker

Satocci Finance

Timeline: Oct 2021 - Mar 2022

Satocci URL: <https://app.satoccifinance.se>

- Streamlined the checkout process in large retail stores like 7-Eleven and Walmart in Sweden, minimizing waiting times for customers.
- Admin panel, frontend website and mobile app development along with backend and frontend application.
- Technology Used: React, Next.js, Nest.js, MYSQL, Tailwind CSS, Docker

Aceuss Care System

Timeline: Apr 2021 - Sept 2021

Aceuss URL: <https://system.aceuss.se/>

- Provided a digital solution for old-age home care in Sweden, enhancing the tracking of patient progress and task management for caregivers.
- Admin panel, frontend website development along with backend and frontend application.
- Technology Used: React, Nest.js, MYSQL, Tailwind CSS, Docker