

Niranjan P. Kulkarni

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LinkedIn • Portfolio • LeetCode (Top 5%) • GitHub

Summary

Results-driven B.Tech Computer Science student and a participant in the **Harvard-affiliated Aspire Leaders Program**, specializing in building scalable web applications. Experienced in optimizing applications by reducing API calls, slashing latency by 40%, and achieving sub-100ms page loads. A proven problem-solver with a Top 5% LeetCode rank and a passion for full-cycle development.

Key Achievements

- ☆ **AIR 16 – IIT Roorkee Coding Contest:** Secured a top national rank among thousands of participants.
- ☆ **‘Engineering Excellence’ Award:** Recognized as the top-performing intern at MFCI Pvt. Ltd. for project impact.
- ☆ **2nd Place – CSESA Coding Challenge:** Achieved top-2 finish in a competitive event with 100+ participants.

Technical Skills

Languages	Java, JavaScript (ES6+), Python, C, SQL
Frontend	React.js, Next.js, Tailwind CSS, Bootstrap, HTML5/CSS3
Backend	Node.js, Express.js, REST APIs, JWT
Databases	MySQL, MongoDB, Supabase
Dev Tools	Git, GitHub, Vercel, Postman, VS Code
Other	Data Structures, Algorithms, System Design, Agile Development, SEO

Professional Experience

Freelance MERN Developer Oct 2023 – Present

- Architected and deployed production-ready full-stack applications using Next.js, React, and MySQL, improving Light-house scores and optimizing SEO with lazy loading.

Web Dev Intern — MFCI INDIA Pvt. Ltd. Sep 2023 – Nov 2023

- Spearheaded a 3-person team to deliver an automated reporting system, which eliminated over 10 hours of weekly manual data processing.
- Improved backend performance by 40% by reducing API calls required through efficient endpoint design and secure JWT authentication.

Projects

AtmosAI – Air Quality Platform

ML-powered PM2.5 forecasts via interactive map and real-time weather data.

Next.js, FastAPI, scikit-learn

Jarvo Cotton – E-commerce

Secure e-commerce platform with OAuth and dynamic product filtering.

Next.js, MySQL, Tailwind

CSE Department Website – Team Lead

Built an official portal with event scheduling, mentor dashboards, and student modules.

Node.js, Express, MySQL, EJS

Blognetic – Blog Platform

Multilingual blog (Marathi, Hindi, English) with SSG/ISR and rich admin panel.

Next.js, Tailwind, MySQL

Space Shooter Game

Browser-based shooter with controls, enemy waves, and score tracking.

HTML, CSS, JavaScript

Veldora AI – Image Generator

AI-powered custom image generator with optimized API integration.

JavaScript, HTML, CSS

Education

B.E. in Computer Science 2022 – 2026

Padmabhooshan Vasantrao Dada Patil Institute of Technology, Sangli

- **Relevant Coursework:** DSA, OS, CN, System Design, Web Development
- **Program:** Aspire Leaders Program – Harvard Affiliated (2025)