Naman Mathpal

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EDUCATION

KCC INSTITE OF TECHNOLOGY AND MANAGEMENT Greater Noida, UP
Bachelor of Technology in Computer Science Engineering *October 2021 – 2025*

KIIT World School Pitampura, New Delhi
PCM with Computer Science *August 2017 – May 2021*

EXPERIENCE

Front End Development Intern April 2024 – July 2024
Softsource Technolabs *Remote*
- Created and implemented over 3 dynamic and interactive web pages.
- Boosted site traffic by 25% through improved user experience.
- Increased user engagement by 30% with interactive features.
- Gained hands-on experience in front-end development.
- Improved design iteratively, enhancing overall skills and project quality.

PROJECTS

Vichar - Chain Your Thoughts | *React, Tailwind, POSTgres, FASTapi, Truffle, Ganache* May 2025 – Ongoing
- Built Vichaar, a full-stack AI-powered idea validation tool enabling structured assessment of feasibility, market fit, and risks.
- Developed a PostgreSQL-backed API to process user input, abstract core insights, and generate detailed analysis reports for entrepreneurs and product teams.
- Integrated Truffle and Ganache to simulate a blockchain network for timestamping validated ideas, ensuring proof of originality and ownership.
- Engineered a modular, scalable architecture supporting real-time validation flows, future Web3 expansion, and seamless frontend-backend interaction.
- Live Link

Hackle - Wordle for Developers — | *Next, Tailwind CSS, TypeScript, FASTapi* March 2025 – April 2025
- Developed an interactive daily puzzle game inspired by Wordle, targeting programming enthusiasts.
- Integrated a technical word bank and FAST API for real-time backend word validation.
- Designed a dynamic on-screen keyboard that tracks used letters without revealing hints.
- Emphasized minimalist UI/UX for distraction-free gameplay and learning.
- Live Link

Cricfolio Website | *React, Tailwind CSS, FASTapi, POSTgres* September 2024 – November 2024
- Developed "CricFolio," a cricket-themed web platform for fans, players, and organizers.
- Built with React.js, Tailwind CSS, and Framer Motion for a dynamic user experience.
- Features tournament and player registration, trending matches, leader-board and responsive design for ease of use.
- Enhanced user engagement by 40% and reduced bounce rates by 25%
- Live Link

CODING EXPERIENCE

- Regularly practice problem-solving and algorithmic challenges on platforms like LeetCode, Hacker-Rank, and CodeChef, with 150+ solved problems across various difficulty levels.
- Experienced in Data Structures and Algorithms (DSA), time complexity optimization, and competitive programming concepts.
- Actively participate in coding contests and challenges to improve problem-solving efficiency.

Technical Skills

Languages: Python, C/C++, SQL, Java, JavaScript, HTML/CSS
Frameworks: React.js, Next.js, Node.js, WordPress, FastAPI, Truffle
DBMS: MongoDB, PostgreSQL
Developer Tools: Git, VS Code, Vercel, Render, PyCharm, Blender, Cursor
Libraries: Pandas, NumPy, Matplotlib
Course Work: Web design, Design and analysis of algorithm, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering