

PARTH SINGH

parthsingh503@gmail.com | +91-6394057423 | Deoria, UP | LinkedIn | GitHub | Portfolio

SUMMARY

Full-stack developer experienced in building scalable web applications using React.js, Next.js, Node.js, Express.js, and MongoDB. Skilled in AI integrations, Redis caching, and performance optimization. Strong foundation in DSA and problem-solving, with proven experience delivering production-grade features in agile team environments.

SKILLS

Programing Languages: Java , Javascript , Python

Frontend: React.js, Next.js, Redux Toolkit, Vite.js, HTML, CSS, JavaScript, Tailwind CSS

Backend: Node.js, Express.js, RESTful APIs

Databases & Caching: MongoDB, Redis, SQL

Other Tools & Technologies: AI Integration, Rate Limiting, Git, GitHub, Docker (basic)

Core Competencies: Data Structures & Algorithms, Problem Solving

WORK EXPERIENCE

Bytemasks - Remote | Frontend-Lead Developer (Internship)

Mar 2025 - July 2025

- Developed the UI for Monitor, using Next.js, TypeScript, Tailwind CSS, and React-Toastify for real-time notifications.
- Enhanced **Safe AI** by implementing **Lab & Collaboration modules**, a **Prompt Library**, and improving overall UI/UX.
- Built and optimized backend API endpoints using **Python (FastAPI)** for features like bookmarks and sharing.
- Improved API responsiveness by implementing **debouncing** on frequent requests and integrating **Redis caching**, reducing repeated database queries by ~35%.
- Optimized code for better maintainability and performance, ensuring smooth deployments.
- Collaborated in an **agile environment** with regular GitHub pushes, daily standups, and cross-team coordination.

PROJECTS

AI-CodeRev - (React.js, Node.js, Express.js, Gemini AI)

[\[Live Demo\]](#)

AI-powered code review tool that analyzes and provides suggestions for code improvements in real time.

- Integrated **Gemini AI** for intelligent, context-aware code feedback.
- Implemented **syntax highlighting** and **inline suggestions** for an improved developer experience.

MINDSCRIBE – (Next.js, Node.js, Express.js, MongoDB, Cloudinary, JWT, Redis, Gemini AI, Hugging Face)

[\[Live Demo\]](#)

Advanced blog management system with AI-assisted content tools and robust blog features.

- Integrated **Gemini AI** and **Hugging Face** to enable **text summarization**, **title suggestions**, and **grammar checking** for blog posts.
- Features include **JWT authentication**, **nested comments**, **pagination**, **full-text search**, and media uploads with **Cloudinary**.
- Optimized API performance using **Redis caching** and **rate limiting**.

EDUCATION

B.Tech in Computer Science & Engineering –

2021 – 2025 | CGPA: 7.2

AKTU University / Maharana Pratap Engineering College

Intermediate (12th) –

2020 – 2021 | 88%

Holy Angels Public School, Deoria / CBSE

CERTIFICATIONS

Certificates - [[View All](#)]

- Full-Stack Web Development (MERN) – *Udemy*
- Postman API Fundamental Student Expert (Testing, Scripting) - Postman.com.

ACHIEVEMENTS

- Built 5+ freelance projects with 100% client satisfaction
- Solved 75+ DSA problems (LeetCode)
- AIR 66 in MPPI Tech-A-Thon (2023)