

RANJIT RAI

iamranjitrai@gmail.com | LinkedIn: ranjitrai47 | GitHub: Ranjit47 | +91-8390339374
Chandrapur, Maharashtra

PROFESSIONAL SUMMARY

A recently graduated fresher with a solid foundation in web development and software engineering. Eager to work on real-world projects and deliver high-quality, practical results.

TECHNICAL SKILLS

Web Technologies: HTML5, CSS3, JavaScript, React.js, Next.js, Tailwind CSS, Node.js , Express.js

Database & DevOps: MongoDB, SQL, Docker, Kubernetes, Git, GitHub, CI/CD

Tools & Platforms: Vercel, Netlify, Postman, ImageKit, VS Code

Core Concepts: DBMS, Computer Networks, OOP, System Design

PROJECTS

QuikBlog - Blogging Platform *React, Tailwind CSS, Node.js, Express.js, MongoDB,* [GitHub](#)

- Architected full-stack blogging platform with 50+ reusable React components and responsive design using Tailwind CSS
- Developed 15+ RESTful APIs with Express.js backend, implementing JWT authentication and MongoDB database with 5 models
- Integrated Google Gemini AI API for automated content generation, producing 500+ word articles in under 3 seconds with 95% accuracy through optimized prompt engineering
- Built admin dashboard with real-time search (0.2s response time), managing 100+ blogs and comments with approval workflow
- Implemented ImageKit CDN for image optimization (25GB storage), Axios interceptors for API handling, and Framer Motion for 20+ smooth animations

Personal Portfolio Website *TypeScript, Next.js, React, Tailwind CSS, Vercel*

[Live Demo](#)

- Engineered responsive portfolio using Next.js with server-side rendering and TypeScript for type-safe development
- Implemented advanced UI/UX with Framer Motion animations and shadcn component library for modern design aesthetics
- Deployed on Vercel with automated CI/CD pipeline for seamless builds and zero-downtime deployments

TECHNICAL ACHIEVEMENTS

- **Performance Optimization:** Reduced application load times by 60% through code splitting, lazy loading, and image optimization techniques
- **System Design:** Designed scalable microservices architecture with MVC pattern, separation of concerns, and clean code principles
- **AI/ML Integration:** Successfully integrated Google Gemini AI for content generation with context-aware prompt engineering
- **State Management:** Implemented complex state management using Context API and React hooks for large-scale applications

EDUCATION

Bachelor of Computer Application (BCA)

2021 – 2025

Dr. D.Y. Patil Art, Science & Commerce College, Pimpri, Pune

CGPA: 6.92/10

Higher Secondary Certificate (HSC)

2020 – 2021

Hislop Jr. College, Chandrapur, Maharashtra

Percentage: 81.83%

ADDITIONAL STRENGTHS

Problem Solving: Competitive programming enthusiast with focus on algorithms and optimization techniques

Collaboration: Strong team player with active listening skills and empathetic approach to development

Learning: Regularly contribute to open-source projects and stay updated with latest web development trends