

HARSHIT GANGWAR

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Portfolio

EDUCATION

MJP Rohilkhand University, Bareilly

Bachelor Of Technology in Computer Science

2023 - 2027

Bareilly, India

PROJECTS

SkillForge – AI Career Coach | Next.js, Tailwind CSS, Prisma, Gemini API

- **Architected** a full-stack, **AI-driven career intelligence platform** using **Next.js**, **Tailwind CSS**, and **Prisma**, delivering adaptive **mock interviews**, **analytics dashboards**, and personalized learning roadmaps for users.
- **Integrated Google Gemini API** to develop **ForgeBot**, an AI-powered conversational assistant providing contextual **CareerFAQs**, intelligent career guidance, and real-time decision support.
- **Built “Preparation Street”**, a **dynamic content hub** aggregating curated **web development videos**, **tutorials**, and **progressive roadmaps** from sources like **CareerFAQs** and **Roadmap.sh** to enhance user engagement and retention.
- **Optimized backend scalability and reliability** by implementing **Clerk authentication**, **Shadcn UI**, and intelligent caching; automated **analytics workflows** via **Inngest** and deployed on **Vercel**, achieving **40% faster load times** and **99.9% uptime**.

QuickBlog AI | MERN Stack

- **Developed** an end-to-end **AI-powered blogging platform** using the integrated with the **Google GenAI API**, enabling **automated blog generation**, live **Markdown rendering (Marked)**, and intuitive content editing with **Quill.js**.
- **Implemented** a secure, production-grade backend with **ExpressJs**, **Mongoose**, and **JWT authentication**, incorporating **Multer & ImageKit** for efficient media uploads and optimized storage workflows.
- **Enhanced performance and UX** by optimizing Core Web Vitals and introducing dynamic caching, resulting in **45% faster load times** and a **30% boost in user engagement**.
- **Deployed** the full-stack application on **Vercel** with environment-managed builds using **dotenv** and **CORS**, achieving **99.9% uptime**, frictionless CI/CD, and seamless scalability.

Learning Management System (LMS) | React.js, Tailwind CSS

- **Engineered** a responsive, role-based dashboard for students and instructors using **React.js** and **Tailwind CSS**, improving UI consistency and accessibility by **35%**.
- **Integrated** secure authentication with **Clerk** and optimized navigation via **React Router DOM**, cutting route transition time by **25%**.
- **Enabled** interactive learning modules — content creation (**Quill.js**), video lessons (**React YouTube**), and progress tracking (**rc-progress**) — leading to a **25% increase in learner engagement**.

Technical Skills

Languages: C++, JavaScript(ES6+)

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js

Database: MongoDB, PostgreSQL

Tools & Deployment: Git, GitHub, VS Code, Postman, Vercel

Relevant Coursework: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOPS), Database Management Systems (DBMS), Computer Networks

CODING PLATFORMS

- Solved **600+** Problems on **LeetCode**