Gyan Prakash Kushwaha

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Education

Madan Mohan Malviya University of Technology   Nov 2022-May 2026
Bachelor of Technology in Information Technology   *CGPA - 7.89*

Projects

InterviewGPT - AI Mock Interview App ⧉ Link | *Next.js, React, Drizzle ORM, Gemini AI, and Clerk*
- Designed and developed an AI-powered mock interview platform to simulate real-world scenarios, enhancing job readiness through AI-driven interview preparation.
- Integrated **Gemini AI** to dynamically generate domain-specific interview questions, evaluate candidate responses using NLP, and provide feedback on performance with correct answers.
- Implemented user **authentication** with **Clerk,** for secure access and personalized interview sessions.
- Built an intuitive UI for seamless user interaction, enhancing the interview experience.

CodeMentor AI - Intelligent Code Reviewer ⧉ Link | *React, Express.js, Node.js, and Gemini AI*
- Engineered an AI-powered code reviewer using the MERN stack with Google Gemini API integration.
- Designed a robust system to analyze, review, debug and suggest intelligent improvements for code, significantly enhancing overall code quality, maintainability, efficiency, and best practices.
- Implemented real-time feedback and automated code analysis to streamline the development process.
- Designed an intuitive user interface for seamless interaction with AI-driven code reviews.

LinkVault - URL Shortener ⧉ Link | *Express.js, Node.js, and MongoDB Atlas*
- Built a URL shortener service to generate short URLs, maintain a history of created links and **analytics system** to track the number of visits for each shortened URL.
- Implementing **user authentication and authorization** using **JWT and bcrypt,** for securing user data.
- Implemented redirect functionality to navigate users from shortened URLs to the original destination.
- Created RESTful API routes for URL creation (POST), redirection (GET), and analytics retrieval.

Technical Skills

Languages: C++, C, Python, Java, JavaScript, SQL
Frontend: HTML, CSS, React.js, Redux, Tailwind CSS, Bootstrap, Material UI
Backend: Express.js, Node.js, RESTful APIs, JWT, OAuth
Databases: MongoDB, MYSQL, PostgreSQL
Developer Tools: Git, Github, Postman, Netlify, Vercel
Subjects: Data Structures and Algorithms, Object-Oriented Programming (OOPS), Operating Systems, DBMS, Computer Networks

Achievements

- **Specialist** at Codeforces and Rated **4 star** on CodeChef
- **Knight** (1888 rated) at LeetCode, achieved a **top 4.6%** global ranking on **Leetcode**.
- Secured Global rank of **96** in **codechef** starters 183, among more than **31,000** participants
- Secured Global rank of **299** in **Leetcode** in weekly challenge, among more than **30,000** participants
- Solved **1000+** problems across various platforms, including **Codeforces, LeetCode, CSES and GeeksforGeeks**.