Mehul Kumar

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EDUCATION

B.Tech in Computer Science Engineering **(Software Engineering)**   **Sep, 2021 - Mar, 2025**
SRM University, Kattankulathur, Chennai   CGPA: **8.8**

SKILLS AND TECHNOLOGIES

Programming Languages	C, C++, Python, JavaScript, Java, SQL
Frameworks & Libraries	TailwindCSS, Bootstrap, ExpressJS, NodeJS, ReactJS, NextJS
Databases	MongoDB, mySQL
Tools and Technologies	Git, Figma, Postman, Wordpress, Github
Key Expertise	Data Structures and Algorithms, Object Oriented Programming, Operating Systems
Soft Skills	Team player, Effective communication, Problem Solving, Time Management, Adaptability

WORK EXPERIENCE

Frontend Intern at NHPC LTD, Faridabad   **Jun, 2023 – Sep 2023**
- Enhanced UI performance by **20%** through revamped user interface and modularized slider components with **ReactJS** and **TailwindCSS**.
- Increased user satisfaction by **15%** with responsive and intuitive design enhancements.

Frontend Intern at Saraayat   **Aug, 2023 – Nov, 2023**
- Developed and deployed a full-stack e-commerce application with **ReactJS**, **NodeJS**, and **MongoDB**, minimized latency and increased load time by **25%** and enhanced user engagement.
- Engineered innovative solutions to optimize website performance and user experience.

Wordpress Intern at Blitz Digital   **Jan, 2024 – Feb, 2024**
- Architected and customized **WordPress** website by leveraging a range of components, including themes, plugins, widgets, and custom post types. Employed widgets to boost site functionality by approximately **20%**.

PROJECTS

Weather App, View   **Dec, 2023**
- A weather app using **Next.js**, **Tailwind CSS**, and Weather Map API. Streamlined API endpoints for efficient data retrieval by **30%** and reduced latency by **25%**, ensuring fast, seamless, interactive updates. **Github Repository**

The GitHelper, View   **Oct, 2024**
- Developed an AI-driven GitHelper chatbot using **Next.js** to explain Git commands via keyword matching from a command file, supporting interactive inputs with response times under **500 ms** for developers and beginners. **Github Repository**

Mass Mailer   **Sept, 2024**
- Mass Mailer tool developed with **Node.js** and **SMTP** ensures efficient email delivery. Achieved **40%** efficiency optimization in asynchronous processing, making it ideal for newsletters, promotions, and scalable notifications. **Github Repository**

Hand Gesture recognition system, View   **Aug, 2024**
- Created a gesture recognition system using **Python** with **CNN** and **NLP** models, achieving **95%** detection accuracy and **20%** faster processing for real-time, efficient, and accurate translation of gestures to text.

ImageGate, View   **Oct, 2024**
- Created ImageGate, a full-stack image retrieval app using **Next.js**, **Express**, and **MongoDB**. Achieved **95%** image retrieval accuracy via Pexels API and optimized pagination for **90%** load efficiency in image applications. **Github Repository**

CERTIFICATIONS	PROFESSIONAL PROFILES
Oracle Cloud Infrastructure 2023 Foundations Associate *Link*	**Leetcode** - **https://leetcode.com/u/mehul271102/**
Machine Learning Foundations, Issued AWS Academy *Link*	**Codeforces** - **https://codeforces.com/profile/mehul271102**
Python Certificate, Issued by NPTEL *Link*	**Hackerrank** - **https://www.hackerrank.com/profile/mk3416**
UI/UX Designer Certificate, Issued by Coursera *Link*	**Portfolio** - **https://mehul2711.vercel.app**