Dev Kumar Mangrani

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EDUCATION

VIT Bhopal University, Bhopal, MP　　　　　　　　　　　　　　Aug. 2021 – May 2025

Bachelor of Engineering in Computer Science and Engineering

CGPA: 8.59

EXPERIENCE

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Mern Full Stack Intern (*Remote)*

- Analyzed Database Operations with MongoDB, implemented RESTful APIs via Express.js, and crafted a responsive frontend using React, resulting in a reduction in query response time and an enhancement in user experience.
- Backend Proficiency: Gained hands-on experience with Node.js, SQL, NoSQL, MySQL, and PostgreSQL for efficient backend development and data management, leading to an increase in data processing efficiency.
- Collaborated with a team of 5 developers to optimize system performance and ensure reliable data storage.

PROJECTS

JOB SEWA (Link)　　　　　　　　　　　　　　　　　　　Mar.2024 – June 2024

- **Description:** Created and implemented Job Sewa, a job search platform, integrating user-friendly design elements that led to a increase in job applications, improving engagement and user experience.
- **Technology:** Transformed and optimized front-end applications using HTML, CSS, JavaScript, and React.js , Enriched load time and Strengthened user engagement metrics through strategic code optimization
- **Results:** Launched a revamped platform that increased user engagement and job applications, showcasing advanced skills in full-stack development, database management, and seamless deployment processes.

RATEMATE (Link)　　　　　　　　　　　　　　　　　　　Sep.2023 – Nov.2023

- **Description:** Engineered the Rate Mate website with MERN full-stack technology, enhancing user experience for users and increasing daily engagement within the first three months.
- **Technology:** Generated a robust and scalable database with MongoDB, enhancing data retrieval speeds and supporting real-time updates for a user base.
- **Results:** Enhanced the user interface for intuitive navigation and efficient rating functionalities, leading to a good increase in daily engagement and a measurable improvement in overall user satisfaction.

Airline Management System　(Link)　　　　　　　　　　　May. 2024 – Aug. 2024

- **Description:** Executed an automated Airline Management System project that enabled seamless updates and management of flight data, enhancing data integrity and operational flow.
- **Programming Language:** Java Core
- **Framework/Tools:** Swing, NetBeans IDE
- **Database:** MySQL
- **Results:** Implemented a system for managing airline operations, including reservations, payments, and cancellations. Increased data accuracy and reliability, reducing errors and improving user experience. Enhanced scalability with support for unlimited records and efficient front-end/back-end integration.

SKILLS SUMMARY

- **Languages**: JAVA, JavaScript, SQL, Python, PHP
- **Frameworks**: React.js, Express.js, Node.js, Swing, API
- **Tools**: Git, GIT, PostgreSQL, MySQL, SQLite
- **Platforms**: Linux, Web, Windows, GCP
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

CERTIFICATIONS

- Google Cloud Computing Foundation Verify
- MERN Full Stack Completion Certificate Verify
- Google Data Analytics Professional Certificate (ongoing)

ADDITIONAL INFORMATION

- Solved 400+ DSA Problems on Both platform Leetcode And GFG.
- Google Cloud Practitioner 30+ on badges of Google Cloud.
- Served as a Club Lead Event Manager, leading a team to organize and execute multiple College Events, Enhancing student engagement and participation.