


Manoj Kumar

Chennai

✉ mk2992@srmist.edu.in

 <https://www.linkedin.com/in/manoj-kumar-872106241/>

☎ +91 7904847488

EXECUTIVE SUMMARY

I'm a passionate and adaptable fourth-year Computer Science and Engineering student (GPA: 8.9) with strong skills in full stack development. Proficient in front-end tools like HTML, CSS, JavaScript, and React, and experienced with back-end technologies like Node.js, Express, PHP, MySQL, and MongoDB. Skilled in API development, responsive UI design, and cloud deployment. I enjoy managing projects end-to-end and thrive in fast-paced teams, eager to build user-focused, high-performance web solutions while sharpening my expertise in software architecture and DevOps.



EDUCATION

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Bachelor of Technology in Computer Science and Engineering, Final year

GPA: 8.90 / 10.00

Chennai, IN
Aug. 2022 – Present

MAHARISHI VIDYA MANDIR

Schooling in Computer Science and Engineering

Chennai, IN
Aug. 2008 – May. 2022



EXPERIENCE

Havells, pvt, ltd

Data Analyst intern

Chennai, IN
Feb. 2025 - March. 2025

- Gathered and consolidated data from multiple sources, ensuring accuracy and consistency for analysis, while identifying trends and patterns in complex datasets.
- Developed interactive dashboards and reports using tools like Qlik Sense and Power BI to effectively communicate insights to stakeholders and support data-driven decision-making.

SkillCraft Technologies

Machine Learning Intern

Chennai, IN
Jan. 2024 - Feb. 2024

- Developed a linear regression model to predict house prices based on features such as the number of bedrooms and bathrooms, providing data-driven insights for real estate analysis.
- Implemented K-means clustering for customer segmentation, utilized Support Vector Machine (SVM) for image classification of cats and dogs, and created a hand gesture recognition model to enhance human-computer interaction.



PROJECTS

Omni food Fully Responsive website (WEBDevelopment)

- Developed a diet-based food recommendation platform, leveraging React.js, HTML/CSS, JavaScript for a dynamic front-end, and Node.js with MongoDB for robust back-end functionality.
- Implemented responsive design principles to ensure seamless user experience across devices, demonstrating expertise in full-stack web development

Rainfall prediction using machine learning

- Built a machine learning model to predict rainfall using historical weather data, leveraging algorithms for trend analysis and accurate forecasting.
- Utilized Python with libraries like Pandas, NumPy, and Scikit-learn for data preprocessing, feature engineering, and model evaluation.

Student Management system (DBMS)

- Designed and developed a student database management system to store, retrieve, and manage student records efficiently, incorporating CRUD functionality.
- Implemented backend logic using Python and MYSQL, ensuring secure data handling and seamless integration with a user-friendly interface.



TECHNICAL SKILLS

Programming Languages: Python, C++, Javascript, TypeScript, C, SQL, HTML, CSS, MangoDB

Tools and Frameworks: React.js, Node.js, Express.js, TailwindCSS, Postman, Git, Pytorch, Tensorflow, VSCode, PyCharm, Tableau, Excel, Figma

Concepts: Full-Stack Development, REST APIs, Authentication (OAuth2.0, JWT), DBMS, OS, DSA, UI/UX

AI/ML: ML Model Integration, LLMs, Prompt Engineering, NLP, Transformers, Generative AI.



LANGUAGES

- English (Fluent)
- French (Basic)
- Tamil (Native Speaker)
- Hindi (Fluent)