PRINCE KUMAR

MERN DEVELOPER

Chennai , Tamilnadu | princerajm31@gmail.com | github.com/princeraj07m

SUMMARY

MERN Stack Developer with hands-on experience in building scalable applications and integrating machine learning solutions. Proven success in competitive programming, leading projects, solving complex problems, and delivering impact through hackathons and real-world deployments. Seeking a role to apply my skills in development, leadership, and innovation.

TECHNICAL SKILLS

HTML5 , CSS3 , Javascript	NodeJS & ExpressJS	Blockchain development
ReactJS	SQL & PostgreSQL	C , C++ , Python
Tailwind & Bootstrap	Github & AWS	Machine Learning (Intermediate)

PROJECTS AND EXPERIENCE

Blockchain based certification system   Motoko + Custom NFT + Plug Wallet + React

- Blockchain-backed certification system improved hiring decisions by 37%, reducing fraudulent claims. With Metamask & ICP authentication, institutions can issue
- Certificates with just one transaction, reducing administrative workload by 70%.
- Employers can verify credentials directly through the React-based frontend in less than 5 seconds, eliminating the need for third-party verification services.

Smart Traffic Management System   AI-ML + IOT + HTML-CSS-JS-Express-SQL

- ImplementAI/ML algorithms to analyze real-time traffic data from IoT sensors and cameras, dynamically traffic signals to reduce congestion and improve flow.

Smart agriculture system   IOT + Machine learning + Full Stack

- Led the development and implementation of smart agriculture system that resulted in a 20% increase in irrigation efficiency and a 15% growth in yield per season.
- Successfully implemented and integrated multiple ML models , including crop yield, best crop and weather prediction in the live dashboard.

EDUCATION

Bachelor of Technology in Computer Science   May 2023 - May 2027

VELTECH UNIVERSITY
- 9.01 CGPA

ADDITIONAL INFORMATION

- **Languages:** English, Hindi.
- 4 ★ Coder at Codechef (Highest Rating : 1859 & **Global rank : 4414**).
- **Hackerrank** : 10k Hackos, 200+ Leetcode questions, 20+ Contests on Codeforces.
- Secured **Global Rank 23** in CodeChef Starters 191 (Rated), June 2025.
- 2 National **Hackathon Finalist** (Techaccelarate by BITS Goa & SIH).
- **Technical Tools:** GitHub, Postman, Jupyter Notebook, Docker (Basics), Figma.
- **Certificates/Activities:**
    – Full-Stack Web Development (Udemy)
    – Machine Learning and Data Science (Udemy)