

NIRMAL KUMAR . R



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[Nirmal Kumar . R](#)

EDUCATION

Chennai Institute of Technology | B.tech (IT) 2023-2027

CGPA-7.9

INTERNSHIP

OctaNet | Bangalore | [November, 2024 – December, 2025]

Built web and hybrid mobile applications using the MERN stack and Ionic React, delivering user-friendly and efficient solutions tailored to client requirements.

CodeSoft| Chennai| [May, 2024 – June, 2025]

Built web applications using that is used to keep track of all events in your life including expense tracking and events management using ai

CERTIFICATE

- **Zscaler Networking Virtual Internship (Cohort 9)** – Experience in cloud security, network architecture, and zero-trust models.
- **Google Android Developer Virtual Internship** - Experience in application development and launching newer application online

PROJECTS

Hack_IT – Automated Math Solution Animation | Github

- Developed an AI-driven system to generate animated math solutions using LaTeX, OpenAI LLava, and automated video rendering
- Technologies: Python, LaTeX, OpenAI, Flask

MERN Ecommerce | Github

- Developed a full-stack ecommerce platform using the MERN stack implementing user authentication, product management, and checkout features. T
- Technologies: MongoDB, Express, React, Node.js, JavaScript

AI Financial Needs Prediction System | GitHub

- Developed an AI-driven system to identify banking and insurance needs based on demographic data and economic/farming cycles.
- Technologies: Python, XGBoost, Prophet, Pandas, NumPy, Scikit-learn

SKILLS

Python, Pandas, Scikit-learn, MongoDB, Express, React, Node.js, JavaScript, Web Development, API Integration, Payment Systems