

THARUN R

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EDUCATION

B.Tech Information Technology, Karpagam College of Engineering
Coimbatore, India

2023 – 2027

CGPA: 7.01 / 10

Relevant Courses: DSA, OOPS, DBMS, Operating Systems

TECHNICAL SKILLS

Languages	C++, Java, JavaScript (ES6+), Python, HTML5, CSS3
Frameworks	React.js, Node.js, Express.js
Databases	MongoDB, MySQL
AI / ML Tools	TensorFlow, OpenCV, Ollama
Networking	TCP/IP, OSI Model, DNS, HTTP/HTTPS, Routing, Switching
Cyber Security	Ethical Hacking, Network Security, Vulnerability Assessment, Kali Linux
Dev Tools	Git, GitHub, VS Code, Postman
Soft Skills	Communication, Teamwork, Problem-Solving

KEY TECHNICAL PROJECTS

SNACK BOX – Food & Chats Store [\[GitHub Link\]](#)

2025

- Built a **React + Vite** food ordering platform with responsive UI, reducing page load time by **35%**.
- Implemented categorized menus, search, and cart workflows, improving order flow efficiency by **40%**.
- Integrated **QR-based payments** and automated billing with printable invoices for end-to-end checkout.
- Developed a secure **admin dashboard** with menu CRUD operations and monthly sales analytics.

FinGPT 21 – Financial Intelligence Assistant [\[GitHub Link\]](#)

2024

- Engineered an AI-powered financial assistant integrating **OpenAI** and **Google Gemini** LLMs for advanced document analysis.
- Implemented semantic search and document ingestion, reducing information retrieval time by **50%**.
- Improved response accuracy and relevance by **30%** through optimized prompt engineering and model selection.

ACHIEVEMENTS & ACTIVITIES

- **1st Prize – App Development (National Science Day)**: Secured first place at Karpagam College of Engineering for developing an innovative application. [\[Link\]](#)
- **National-Level Hackathon – HACK ELITE (SMVEC, Puducherry)**: Participated in a national-level innovation challenge, gaining experience in rapid prototyping and problem-solving. [\[Link\]](#)
- **Googleathon Hackathon – SNS College of Engineering**: Represented the team in a competitive hackathon, converting ideas into working technical solutions. [\[Link\]](#)
- **Endpoint Security Certification – Cisco**: Demonstrated knowledge of endpoint protection, threat detection, and cybersecurity best practices. [\[Credential\]](#)
- **Ethical Hacker Certification – Cisco Networking Academy**: Acquired hands-on skills in ethical hacking, network security, and penetration testing fundamentals. [\[Credential\]](#)
- **AI Mastery Certification (Udemy)**: Completed advanced training in AI concepts including search algorithms and intelligent strategies. [\[Link\]](#)
- **Material Data Science Workshop – IIT Madras**: Gained exposure to data-driven methods and analytical techniques in material science applications. [\[Link\]](#)
- **Salesforce Trailhead – Agentblazer Champion & Innovator**: Earned industry-recognized badges through hands-on challenges, strengthening practical problem-solving skills. [\[Profile\]](#)