



DASAPATHI INDRA KUMAR

Roll No: CS23B2009
B.Tech – CSE (AI)
IITDM Kancheepuram

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LeetCode — GitHub

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Information Technology, Kancheepuram	8.69 / 10	2023–2027
State Board - XII	Narayana Junior College, Kurnool	95.42%	2023
CBSE - X	St. Joseph's English School, Kurnool	96%	2021

TECHNICAL SKILLS

Programming Languages: C, C++, Python, JavaScript, SQL

Software/Tools/Libraries: Git, GitHub, MySQL, MongoDB, Node.js, Express.js, React.js

Course Work: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, DBMS

WORK EXPERIENCE

Software Development Engineer Intern — SwitchiT Sept 2025 – Present

- Enhanced platform efficiency by optimizing backend API response times by 25%.
- Collaborated in agile sprints to implement new product features and fix production issues.
- Improved deployment automation pipelines, reducing manual testing efforts by 30%.

Backend Development Intern — PearlThoughts Sept 2025 – Oct 2025

- Engineered RESTful APIs using Node.js and Express.js, supporting 1K+ daily requests.
- Designed normalized database schemas and implemented JWT-based secure authentication.
- Improved API scalability and data validation, increasing request success rate by 20%.

AI Developer Intern — VISWAM.AI June 2025 – July 2025

- Developed RAG-based conversational AI systems integrated with custom GPTs.
- Fine-tuned transformer-based LLMs and BERT models for NLP accuracy improvement.
- Automated text retrieval pipelines, boosting model response efficiency by 40%.

PROJECTS

Video Calling & Messaging App — React.js, Node.js, Stream SDK, JWT Live · GitHub

Developed a full-stack real-time communication app with secure JWT authentication and responsive UI, supporting seamless one-to-one video and chat sessions.

URL Shortener Web App — MERN Stack, REST APIs, Cloud Live · GitHub

Built an authenticated URL shortener handling 10K+ shortened links, with analytics dashboard and secure REST API integrations hosted on Render Cloud.

Job Portal Application — MERN Stack (MongoDB, Express.js, React.js, Node.js) GitHub

Created a role-based job platform enabling recruiters and applicants to manage listings, applications, and interviews, achieving 100% CRUD coverage and data validation.

POSITIONS OF RESPONSIBILITY

CP Core Member – CS Club, IIITDM Kancheepuram	June 2025 – Present
Conducted DSA workshops and coding contests with 150+ participants; mentored peers and led problem-setting sessions.	
Placement Cell Volunteer – IIITDM Kancheepuram	Sept 2024 – Sept 2025
Coordinated company recruitment drives, managed HR communications, and maintained placement data with 100% accuracy across 20+ events.	
Open Source Contributor – GirlScript Summer of Code 2025	Aug 2025 – Sept 2025
Enhanced open-source MERN projects by adding new modules, fixing 15+ bugs, and improving API performance.	

ACHIEVEMENTS

- Amazon ML Challenge 2025:** Achieved **All India Rank 62** out of **80,000+ teams**, demonstrating strong expertise in **machine learning model tuning**, **data preprocessing**, and **optimization (SMAPE: 43.42)**.
- OpenAI Academy X NxtWave Buildathon 2025:** Qualified for the Tamil Nadu State-Level Buildathon and participated in the 2-day GenAI hackathon.