

ARAVIND NETHI

Full-Stack Engineer

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PROFESSIONAL SUMMARY

Full-Stack Engineer specializing in the MEAN/MERN stack, RESTful API design, and AWS cloud infrastructure. Promoted to Team Lead within 9 months at Geeth LLC, where I lead a team of 4 and own core platform features including a fully dynamic role-based access control system. Focused on real-time systems, scalable backend architecture, and AI-assisted development.

EDUCATION

B.Tech, Computer Science (AI/ML)

May 2024

Malla Reddy University — CGPA: 8.62 / 10

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, TypeScript, Python, Angular, React, Next.js, NestJS, Node.js, Express.js, Flask, ngRx

APIs & Architecture: RESTful API Design, GraphQL, Microservices Architecture, Socket.IO (Real-Time/WebSockets), Role-Based Access Control (RBAC), OAuth/IAM-style Authentication

Cloud & DevOps: AWS (EC2, IAM, SNS), Docker, Firebase, CI/CD Fundamentals, Git/GitHub, Jira, Postman

Databases: MongoDB, SQLite, Redis, RabbitMQ (Message Queuing)

AI/ML: TensorFlow, Convolutional Neural Networks (CNN), NLP, Google Vertex AI

Generative AI & Prompt Engineering: Claude Code, GitHub Copilot, OpenAI Codex, Prompt Engineering, AI-Assisted Development, LLM Integration

PROJECTS

Netflix Clone — React, Node.js, SQLite

- Built a full-stack streaming platform with personalized content recommendations, secure JWT-based user profiles, and dynamic media delivery.

Image Classification with CNN (CIFAR-10) — Python, TensorFlow

- Trained a Convolutional Neural Network to classify 50,000 images across 10 categories, tuning model architecture and hyperparameters to maximize classification accuracy.

PROFESSIONAL EXPERIENCE

MEAN Stack Developer (Promoted to Team Lead) | Geeth LLC

Dec 2024 - Present

- Promoted to Team Lead within 9 months; now lead a team of 4 engineers building Maya, a full-stack AI-powered drag-and-drop application builder on Angular, NestJS, and ngRx.
- Architected a fully dynamic role-based access control (RBAC) system that lets users define custom roles and granular permissions and map them to resources, modeled on AWS IAM design principles.
- Implemented a real-time 1:1 chat module using Socket.IO and WebSockets, designing the event-driven message flow and connection lifecycle handling from the ground up.
- Refactored reusable Angular features into standalone npm packages, cutting duplicate code and accelerating feature delivery across the team.

Backend Developer | Edulab

Sep 2024 - Nov 2024

- Engineered a real-time assessment submission module, improving API response times by 20% and strengthening data integrity under concurrent load.
- Designed RESTful APIs with Node.js and TypeORM, optimizing database queries to improve backend performance for high-traffic endpoints.

- Delivered reliable data exchange for user progress tracking and content management, improving the stability of the student learning experience.

Web Developer Intern | Aptitude Guru Hem

Jun 2024 - Sep 2024

- Developed FastAPI (Python) backend APIs for an AI-powered job recommendation system, integrating ML matching algorithms to personalize results for users.
- Created responsive React interfaces that improved the job search experience for candidates.
- Optimized Node.js backend processes to streamline data flow and improve application scalability.

ENTREPRENEURIAL VENTURE

Founder & CEO | Showcaseme Technologies

Jan 2026 - Present

- Founded a DPIIT-recognized, NVIDIA Inception-member AI startup that converts resumes into live, hosted portfolio websites, growing to 300+ user signups.
- Deployed a six-service NestJS microservices backend (Auth, User Profile, Portfolio, Template, Analytics, Business) on AWS EC2 (ARM64) with MongoDB, Redis, and RabbitMQ.
- Integrated Google Vertex AI into a proprietary content-generation engine (MIO) and led product, engineering, and go-to-market strategy alongside a two-person founding team.

CERTIFICATIONS

- AWS Academy Graduate — Machine Learning Foundations, Amazon Web Services (Aug 2023)
- React JS, NxtWave (Apr 2023)
- Salesforce Developer Virtual Internship, Salesforce (Mar 2024)