MADHESH T

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EDUCATION:

Chennai Institute Of Technology B.Tech Information Technology   Sep 2024 – May 2028
- **CGPA:** 8.0/10 – **Coursework:** Software Engineering, Computational Theory, Web Frameworks, Database Management Systems (DBMS), Operating Systems, Networking, Algorithms, Algorithm Design, Fundamentals of Management

PROFESSIONAL EXPERIENCE:

Zero2Site | Web Development Internship
May 2025 – July 2025
- Developed web apps using **React.js, Node.js, Express.js, and MongoDB** for student-led client projects.
- Learned to Built **REST APIs, automated workflows, and optimized server logic** to improve performance and reliability.

Trinity Intelligence & Automation | Co-Founder & Tech Lead
Sep 2025 – Present
- Launched an agency providing **AI-powered automation tools** for business process improvement.
- Designing **web platforms, API integrations, and AI workflows** to boost efficiency and reduce manual work.
- Conducted **research on client requirements** to provide effective tech solutions and solve their problems.

PROJECTS:

SafeMint / QIEDEX – Trust-First Token Launchpad | *React.js, Solidity, Express, Docker, QIEDEX SDK*   github.com/SafeMint
- Built a **trust-first DeFi token launch platform** enforcing mandatory liquidity locks and fair-launch rules to prevent rug pulls and scam tokens.
- Implemented **token, validator, and governance dashboards** with real-time trust status (**Green / Yellow / Red**) and transparent on-chain indicators.
- Added **community governance workflows** for proposal lifecycle visibility (*Active / Passed*) and protocol accountability.

Baseline Extension | *JavaScript, Node.js, MDN Baseline API*   github.com/Baseline-Tool
- Developed a browser extension scanning code for unsupported web features, improving code compliance by **45%**.
- Enabled real-time compatibility checks using MDN Baseline API, reducing debugging time by **30%**.
- Designed a live UI with tooltips and compatibility insights, enhancing developer productivity by **25%**.
- Integrated with Node.js backend for scalable API calls with **98.7% uptime**.

Decentralized Document Vault | *React.js, Node.js, IPFS, Blockchain*   github.com/IPF-Docs
- Built a **decentralized document storage system** using **AES-256 encryption** and **IPFS**, enabling tamper-resistant, user-controlled data storage.
- Implemented **CID-based retrieval and universal verification**, allowing authorized parties to decrypt and validate documents without centralized cloud dependency.
- Anchored **document metadata on blockchain** to ensure immutable audit trails and integrity verification.

Coding Proficiency:

- **Leetcode:** Solved 400+ problems, Achieved a 1435 contest rating, ranked top 70% globally. .
- **Codechef:** Achieved a contest rating of 900+, demonstrating strong proficiency in Data Structures and algorithms.

Achievements:

- **Zinnovatio Hackathon Finalist** (Proposed a solution for air pollution using AI-based cloud seeding technology),   *Oct 2025*
- **DigiGreen Hackathon** (Suggested an AI-driven solution to solve environmental challenges;Top 50/500),   *Aug 2025*
- **Baseline Global Hackathon** (Ranked top 10% among global developers for the Baseline Extension project), **Chrome** *Oct 2025*

Technical Skills:

- **Languages:** Java,SQL, JavaScript, Python, HTML, CSS, Tailwind CSS, Solidity
- **DevOps:** Docker,GitActions,Kuberneetes, AWS.
- **Web-Framework:** React.js, Node JS, Express.js, Vite.
- **Software:** Git and Github, Docker,VS Code, PostMan.
- **Database and Cloud:** MongoDB, FireBase, MySQL.

Certifications:

- Introduction to Cyber Security
- CCNA-Networking
- Introduction to MongoDB
- Blockchain Basics
- Git and Github
- AI-ML Introduction
- Data Science and Data Analytics
- Full Stack Development
- Programming JavaScript and CSS
- Introduction to ML
- Data Engineering Mastery
- Platform Engineering