

# Tarun M

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7x Hackathon Winner

## EXPERIENCE

### Madrocket Technologies

Aug 2024 – Nov 2024

Frontend Developer Intern

Coimbatore, TN

- Designed and developed a live SaaS platform for the education sector, focusing on real-time student progress tracking and actionable insights to enhance learning outcomes, achieving a **user satisfaction rate of 87%**.
- Implemented dynamic dashboards and interactive interfaces to visualize key metrics, enabling educators to forecast student performance and optimize teaching strategies with **93% accuracy**.
- Engineered a recommendation engine leveraging real-time data and user interactions to personalize course suggestions, achieving a **73% predictive accuracy**, streamlining decision-making for learners and educators alike..

## PROJECTS

Limoni — *React JS, Redux, Springboot, MYSQL, RestAPI, AWS*

Dec 2024

- Won **1st place in Smart India Hackathon 2024**, developing a real-time speed and location tracking system with **98.7% accuracy** to enforce **zone-wise speed limits** and reduce road fatalities.
- Integrated GPS-based geofencing supporting **30+ unique regions** with adjustable speed limits, and designed an alert system to notify authorities of overspeeding violations within **2 seconds**.
- Achieved a **60% reduction in road fatalities during testing** by effectively mitigating overspeeding incidents.

InvenPulse — *React, TypeScript, Tailwind CSS, Firebase*

Jul 2024

- Designed and developed a scalable inventory management system, earning recognition for innovation in streamlining stock and order processes.
- Achieved **92% accuracy** in real-time inventory tracking and forecasting by integrating Firebase for efficient data management and analytics.

## LEADERSHIP

### OneVision Chief Executive Officer

Jun 2024 - Present

- **Co-founded** and led a startup focused on developing **AI-driven educational solutions** targeting competitive exams, delivering personalized learning experiences and scalable platforms to 25+ clients across 6+ Indian states, driving impactful outcomes for students and educators.

## Certifications

- [Meta Frontend Developer](#) - Advanced frontend development course by Meta
- [Google Project Management](#) - Professional certification in project management
- [AWS Cloud Technology Consultant](#) - Professional certification in project management
- [NPTEL Cloud Computing](#) - Earned certification in cloud computing from NPTEL

## EDUCATION

Sri Krishna College of Technology

Coimbatore, TN

Bachelor of Engineering in Computer Science

Oct 2022 – May 2026

## TECHNICAL SKILLS

**Languages:** Java ,Python, C/C++, SQL, JavaScript, Typescript

**Frameworks:** React.js, Next.js, Node.js, FastAPI, Firebase, MongoDB

**Tools:** Google Kubernetes, Git, Docker, VS Code, PyCharm, AWS

**Libraries:** Pandas, NumPy, TensorFlow, PyTorch, OpenCV