

# Tarun Manoharan

+91 6380255375 | [m.tarun13122004@gmail.com](mailto:m.tarun13122004@gmail.com) | [LinkedIn](#) | [GitHub](#) | Passionate Software Engineer | 7x Hacks Winner

## Education

### Sri Krishna College of Technology

Bachelor of Engineering in Computer Science

Coimbatore, TN

Oct 2022 – May 2026

CGPA: 8.46/10

Relevant Coursework: Web Technologies (ReactJs, NextJs), Data Structures & Algorithms, UI/UX Design, JavaScript, Mobile App Development

## Professional Experience

### Madrocket Technologies(IQnaut)

Frontend Developer Intern

Aug 2024 – Nov 2024

Bengaluru, KA

- Architected a live SaaS platform for the education sector using React, achieving an 87% user satisfaction rate.
- Implemented dynamic dashboards with JavaScript for visualizing key metrics and performance tracking.
- Developed responsive UI components ensuring cross-browser compatibility and optimal user experience.

### House of Couton Private Limited

Software Developer intern

Dec 2024 – Mar 2025

Lucknow, UP (Remote)

- Engineered scalable web interfaces using React and modern JavaScript frameworks for enhanced user engagement.
- Implemented pixel-perfect UI designs from Figma mockups while ensuring responsive layouts across devices.
- Optimized frontend performance for seamless user interactions and 99.9% service reliability.

## Software Projects

### InvenPulse

Inventory Management System

Jul 2024

- Designed and developed a scalable inventory management system using React, TypeScript, Tailwind CSS, and Firebase.
- Achieved 92% accuracy in real-time inventory tracking and forecasting through efficient data management.
- Earned recognition for innovation in streamlining stock and order processes.

### Limoni

Speed Tracking System

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.

### CuliFlow

Food Management Analytics Dashboard

Oct 2024

- Designed and developed an interactive analytics dashboard using React and Redux.
- Created data visualizations using Chart.js to display complex metrics in an intuitive interface.
- Implemented responsive design principles ensuring functionality across desktop and mobile devices.

## Technical Expertise

**Frontend Development:** React.js (2+ years), Next.js, TypeScript, JavaScript (ES6+), Component Libraries

**UI Technologies:** HTML5, CSS3, Tailwind CSS, Responsive Design, Figma Implementation

**Development Tools:** Git Version Control, VS Code, Redux State Management, Firebase Integration

**Methodologies:** Agile Development, CI/CD, Performance Optimization, Cross-browser Compatibility

## Achievements

- Smart India Hackathon 2024 Winner (Software Edition)
- Runner-Up: Bit n Build, Tamil Nadu Regionals

## Certifications

- Meta Frontend Developer
- Google Project Management
- AWS Cloud Technology Consultant
- NPTEL Cloud Computing