

Loganathan Murugan

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Professional Summary

UX Designer, Machine Learning Developer, and Full Stack Developer experienced in building AI-powered web and embedded systems. Skilled in ReactJS (TypeScript), Node.js, Python, TensorFlow, OpenCV, and scalable backend development with strong user-centered design thinking.

Internship Experience

Euclid Technologies — UI/UX Design Intern	Feb 2025 – Apr 2025
NSIC — Mobile App Intern	Sep 2023
DevTown — Graphic & Visual Design Intern	Jun 2023 – Aug 2023

Projects

AI Mathematical Assistant for Visually Impaired Users

- Built voice-enabled assistant using Speech-to-Text and Text-to-Speech
- Implemented NLP-based mathematical expression solving logic

XR / ARM-Based Device for Technical Education & Object Placement

- Developed XR-integrated ARM device with embedded programming

MechLink – Mechanic & Client Platform (ReactJS, TypeScript, Node.js)

- Built full-stack platform with role-based authentication and dashboard UI

College Event & Symposium Websites

- Developed responsive event registration platforms

Education

Vel Tech High Tech Dr. RR & Dr. SR Engineering College	Aug 2022 – May 2026
B.Tech – Information Technology	

Technical Skills

Languages: Python, JavaScript, TypeScript, SQL

Frontend: ReactJS, HTML, CSS

Backend: Node.js, Express.js, Firebase, REST APIs, Supabase

Machine Learning: TensorFlow, OpenCV, OCR, Pandas, YOLO, NLP

Databases: MySQL, Firestore

Software & Tools: Figma, Canva, Adobe Tools, Unity, Git, GitHub, VS Code, Postman, Netlify, Wordpress

Non-Technical Skills

Problem Solving, Analytical Thinking, Communication, Team Collaboration, Time Management, Adaptability