

Mahesh Muttinti

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Summary

- Full Stack Developer with 4+ years across web and mobile development.
- Strong in React, React Native, Next.js, Node.js, MongoDB and PostgreSQL.
- Experience integrating AI vision APIs for product recognition and OCR.
- Comfortable building end-to-end features: mobile UI, local storage, backend APIs, and deployments.

Experience

Freelance Developer — Toss Recycling AI

May 2024 – Present

React Native mobile app + Next.js web app

Remote

- Built Toss Recycling mobile app in React Native with AI-driven scanning.
- Integrated OpenAI, Grok AI API, and Google Cloud Vision for product and receipt recognition.
- Implemented SQLite for local scan history and offline support in the mobile app.
- Developed a Next.js website that provides recycling guidance and awareness.
- Live demo and public site: <https://www.tossrecycling.ai>

Senior Software Engineer — OHM E Logistics Pvt Ltd

Aug 2023 – Apr 2024

Hyderabad, India

- Led development of dispatcher and user apps using React Native.
- Implemented real-time trip flows, GPS integration, and push notifications.

Full Stack Developer — Betalectic IT Projects Ltd

Jul 2021 – Aug 2023

Hyderabad, India

- Built FinEzzy marketplace features and Nemo neo-banking dashboards.
- Implemented Node.js microservices and performance improvements.

Selected Projects

Toss Recycling AI

Freelance

(B2C – Consumer app)

- Mobile: React Native app for product and receipt scanning using AI + vision APIs.
- Web: Next.js site for recycling information and guidance.
- Key tech: React Native, Next.js, OpenAI, Grok, Google Cloud Vision, SQLite.
- Live: <https://www.tossrecycling.ai>

FinEzzy

Betalectic IT Projects Ltd

(FinTech)

- Banking / personal finance platform; integrated third-party banking APIs and services.
- Key tech: React, Node.js, REST APIs.
- Demo: <https://finezzy.com>

Nemo — Neo-banking Platform

Betalectic IT Projects Ltd

(FinTech / B2B)

- Neobanking features targeted at MSMEs; compliance and finance tools.

- Key tech: React, Node.js.

Cheetee Paata

Personal

(B2C – Chit Fund Management Web App)

- Built a web application to help users manage and calculate chit fund values.
- Developed using React and Next.js with multi-language UI support.
- Includes features for chit value calculations, balance tracking, and user-friendly inputs.
- Live: <https://cheetee-paata.vercel.app>

AI Image Generator

Personal

(Creative / Tool)

- React + Next.js app to generate images using AI prompts.
- Demo: <https://ai-image-generator-unlimited.vercel.app>

Open Source and Packages

@shayrn/react-native-scaler — Responsive scaling utilities for React Native.

@shayrn/react-native-android-phone-number-hint — Kotlin-based phone-number hint module.

Maintainer of AWS CDK, SAM and TypeScript tooling repos.

Education

Bachelor's in Electronics and Communication Engineering

Aug 2017 – Sep 2020

GIET College of Engineering, Raja Nagaram, India

Technical Skills

Frontend: React.js, Next.js, React Native, TypeScript, Firebase

Backend: Node.js, NestJS, Express, REST APIs, Microservices

Databases: MongoDB, PostgreSQL, Firebase Firestore, SQLite (on-device)

Cloud / Infra: AWS EC2, RDS, Cognito, CDK, SAM, Docker, Render, Vercel

AI & Vision: OpenAI, Grok, Google Cloud Vision, OCR pipelines

Developer Tools: GitHub Copilot Agent Mode, MCP, Git, Postman