

YERNI TEJA SRIMANTHULA

Full-Stack & Mobile Application Developer • React Native / Expo / Next.js / Node.js / PostgreSQL

+91 7981154679 • yerniteja1@gmail.com • Visakhapatnam, India • Open to Remote • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

PROFESSIONAL SUMMARY

Full-Stack & Mobile Application Developer with 2+ years of experience building scalable web and cross-platform mobile applications using React Native (Expo), React.js, Node.js, Fastify, PostgreSQL, and TypeScript. Experienced in developing production-grade Android and iOS applications with real-time features, authentication systems, CI/CD pipelines, and cloud deployments. Skilled in designing end-to-end architectures, REST APIs, database systems, and responsive user experiences for SaaS and school management platforms.

PROFESSIONAL EXPERIENCE

Full-Stack Mobile Application Developer | [Tutox](#) | Remote | Apr 2026 – June 2026

Tutox Ecosystem | [React Native](#) · [Expo](#) · [Fastify](#) · [PostgreSQL](#) · [Drizzle ORM](#)

- Developing and maintaining cross-platform Android and iOS applications for a complete school management ecosystem including Tutox (School Management App), School-Connect (Parent Application), and School-Magic (Teacher Application).
- Built mobile applications using React Native with Expo, implementing authentication flows, API integrations, role-based access, and responsive UI components.
- Developed scalable backend APIs using Fastify, PostgreSQL, and Drizzle ORM with modular architecture and multi-tenant database design.
- Implemented CI/CD pipelines using GitHub Actions and automated deployment workflows for backend and mobile application builds.

Full-Stack Developer | [Midpath Software Pvt Ltd](#) | Remote | Sep 2025 – Feb 2026

Smaac | [Python](#) · [Django](#) · [PostgreSQL](#) · [React.js](#)

- Built and maintained core SaaS backend with Django REST framework and PostgreSQL, including schema design, migrations, and query optimisation.
- Developed React dashboards for CRM-style workflows, analytics, and ticketing with reusable Styled Components.
- Integrated LLM-based APIs (OpenRouter) for automated message classification, reducing manual triage by ~60%.
- Shipped webhook-driven real-time messaging (WhatsApp/Telegram) using async workers for instant customer notifications.

AllBox & Bolmitra | [JavaScript](#) · [React Native](#) · [PocketBase](#) · [React.js](#)

- Developed cross-platform mobile apps (Android & iOS) for two SaaS products using React Native and PocketBase as the backend-as-a-service layer.
- Built responsive mobile dashboards for WhatsApp automation, email workflows, and multi-tenant admin panels with seamless API integration.

Forward Deployment Engineer | [AVRL](#) | Remote | Jan 2023 – Apr 2024

- Authored 120+ JavaScript REST API integrations and Python test scripts to optimise a Transport Management System (TMS).
- Built decision-making trees and automated workflows (chatbots + RPA) aligned with individual client requirements, improving logistics throughput across 5 hubs.
- Created and maintained technical guidelines and documentation for deployment processes adopted across the engineering team.
- Participated in daily Agile stand-ups and sprint planning; contributed to scope decisions and client-facing solution design.

Freelance Full-Stack Developer | [Remote](#) | Self-Employed | Apr 2024 – Aug 2025

- Built and delivered client web projects (e-commerce, management tools) used this period to self-upgrade from frontend to full-stack development.
- Gained hands-on experience across React frontends, Node.js/Express backends, JWT authentication, and database integrations end-to-end.

Frontend Developer Trainee | [Acciojob](#) | Remote | Nov 2022 – Jan 2023

- Built interactive React components and integrated them with REST APIs, applying hooks and context for state management.
- Improved application performance through code refactoring and peer code reviews, reducing page load times by ~25%.

EARLIER CAREER

Field Operations Coordinator | Synergies Casting Ltd | Jul 2018 – Aug 2020

CAD & Technical Documentation Engineer | Krishi Engineers | Sep 2020 – Mar 2021

Business Development Executive | VBC Fiber Net | Apr 2021 – Oct 2022

TECHNICAL SKILLS

Languages: JavaScript (ES2022+), TypeScript, Python, HTML5, CSS3

Mobile: React Native, Expo

Frontend: React.js, Redux Toolkit, Styled Components, Material UI, Tailwind CSS

Backend: Node.js, Express, FastAPI, Django, REST APIs, JWT Auth

Databases: PostgreSQL, MySQL, MongoDB, Redis, DynamoDB, PocketBase, Drizzle ORM

Cloud & DevOps: Docker, Nginx, CI/CD (GitHub Actions), Vercel, Render

Testing: Unit, Integration & E2E (Python + JS); Postman; code reviews; performance profiling

Process: Agile / Scrum, Feature Flags, Sprint Planning, Technical Documentation, Responsive Design

CERTIFICATIONS

DSA in Java – Great Learning (2022)

Python (Basic), Hacker Rank | 2025

C# (Basic), Hacker Rank | 2025

SQL (Basic), Hacker Rank | 2025

Frontend (React) Hacker Rank | 2025

JavaScript Hacker Rank | 2025

EDUCATION

Diploma in Mechanical Engineering
Government Polytechnic College,
Visakhapatnam

2012 – 2015 | CGPA: 71%

B. Tech in Mechanical Engineering
Gonna Institute of Information
Technology & Sciences, Visakhapatnam
2015 – 2018 | CGPA: 56%

PERSONAL PROJECTS

DocSync AI | [Code](#) | [Live](#)

AI-powered document Q&A SaaS with LLM integration

QKart (E-Com) | [Code](#) | [Live](#)

E-commerce platform with JWT authentication, shopping cart, and secure checkout

QTify (Music) | [Code](#) | [Live](#)

Responsive music streaming app with carousel and genre-based filtering.

Crypto Dashboard | [Code](#) | [Live](#)

Real-time crypto price tracker with dark mode, pagination, and motion animations.