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Professional Summary

Full Stack Developer with **4.5 years** of experience building scalable web applications across agri-tech and enterprise domains. Proficient in the **MERN stack**, **Python (Flask, FastAPI)**, and modern JavaScript/TypeScript frameworks with deep expertise in **microservices architecture**, **multi-tenant SaaS architecture**, and real-time communication systems. Experienced in designing tenant-isolated data models with role-based hierarchies (Admin, Managers, Field Officer, Viewer) supporting complex, differentiated workflows per tenant. Proven track record of optimizing performance, leading KYC compliance initiatives, and delivering cross-functional projects from design to production.

Professional Experience

Full Stack Developer (Consultant)

Jun 2025 – Present

Deloitte Touche Tohmatsu India LLP (DTTILLP)

Bengaluru, India

- Developed and maintained full stack features using **ReactJS, Node.js, and PostgreSQL/MongoDB** for analytics dashboards in the agri and food domain using Shape files and Geojson
- Architected a **multi-tenant SaaS platform** with tenant-scoped table isolation using tenant ID-based suffixed table sets, enabling secure data segregation across multiple enterprise clients
- Implemented a **role-based access control (RBAC)** hierarchy—Admin, Manager, Field Officer, and Viewer—with tenant-specific workflow permissions and UI rendering per role
- Optimized API integrations and performance, reducing dashboard load time by **30%** through strategic caching and async data patterns
- Implemented **NestJS microservices** architecture with inter-service communication via **TCP and gRPC** protocols for enhanced scalability
- Designed **CI/CD pipelines** using Azure DevOps for automated testing and deployments, improving release efficiency
- Collaborated with cross-functional design, backend, and QA teams to deliver responsive interfaces and streamline business workflows

Full Stack Developer

Feb 2022 – Jun 2025

iConcept Software Services Pvt. Ltd.

Hyderabad, India

- Designed and developed scalable full stack applications using **ReactJS, Node.js, Express.js, and MongoDB** for high-traffic production workloads
- Built and maintained a **multi-tenant application** with MongoDB collection-per-tenant isolation using tenant short-name suffixes, enabling clean data boundaries and fast tenant-specific queries at scale
- Designed a **hierarchical RBAC system** (Admin, Manager, Field Officer, Viewer) with tenant-aware middleware enforcing role permissions across APIs and dynamic UI workflows per user type
- Built robust REST APIs with seamless frontend integration, reducing API response time by **40%** using **Redis** caching strategies
- Implemented real-time event-driven solutions using **Meta WhatsApp API and WebSockets**, boosting user engagement by **35%**
- Led **KYC verification** for Aadhaar, PAN, GST, and Bank Accounts, achieving **99% data accuracy** and full regulatory compliance
- Enhanced performance with **RabbitMQ** message queues and Redis cache, ensuring smooth operation under high traffic
- Developed chatbot agent for querying CSV and SQL databases using **Python Flask** with **OpenAI API** integration
- Implemented **Dockerized** environments and Nginx reverse proxy to streamline deployments and reduce infrastructure complexity
- Designed reusable UI components and dynamic rendering logic, reducing development effort by **20%** across multiple projects
- Implemented thorough testing practices, reducing post-deployment issues by **25%** across all projects

Key Projects

NeoInt | *ReactJS, Node.js, NestJS, PostgreSQL, Azure DevOps*

Jun 2025 – Present

- Developed comprehensive **analytics dashboard** for agri and food domain stakeholders using ReactJS, Node.js, and PostgreSQL
- Implemented **NestJS microservices** with TCP and gRPC inter-service communication, improving system modularity and scalability
- Optimized dashboard load time by **30%** through strategic caching and async data patterns

- Designed and deployed **CI/CD pipelines** using Azure DevOps, enabling automated testing and seamless production deployments

Agri Portal & Neo Campaign | *ReactJS, Node.js, Express.js, MongoDB, Redis, RabbitMQ* Feb 2022 – Jun 2025

- Built full stack application handling high-volume production traffic with ReactJS, Node.js, Express.js, and MongoDB
- Developed **KYC verification system** for Aadhaar, PAN, GST, and Bank Accounts achieving **99% accuracy** and regulatory compliance
- Implemented real-time notifications using **Meta WhatsApp API and WebSockets**, increasing user engagement by **35%**
- Created **AI chatbot agent** using Python Flask and OpenAI API for intelligent querying of CSV and SQL databases
- Optimized system throughput with **Redis caching and RabbitMQ queuing**, ensuring zero downtime in high-traffic scenarios

Rental Gaadi | *Next.js, ReactJS, Bun, Elysia.js, Flutter* | [Live](#) Freelance Project

- Built a **production-grade** bike and car rental platform serving riders across multiple zones in Bangalore with a verified vehicle fleet and a strong customer satisfaction rating
- Developed a high-performance **Bun + Elysia.js** backend with type-safe REST APIs handling booking workflows, fleet availability, pricing, and refund logic
- Built a **Next.js** marketing and booking site with SSR for SEO-optimized listing pages, real-time zone selection, and instant confirmation
- Developed a companion **React web app** and cross-platform **Flutter mobile app** (iOS & Android) for bookings, ride tracking, and fleet management
- Implemented full booking lifecycle: **extension requests, refund scheduling, damage/deposit workflows**, and WhatsApp support integration

FarmerAI | *ReactJS, TypeScript, FastAPI, PostgreSQL, OpenAI, Docker* | [GitHub](#) Personal Project

- Developed **FarmerAI**, a full stack, installable **React/TypeScript PWA** and **FastAPI** application providing tomato farmers with text, voice, and image-based crop advisory in **English, Hindi, and Telugu**
- Engineered a **Retrieval-Augmented Generation (RAG) pipeline** using hybrid vector and lexical search, crop-specific filtering, configurable OpenAI/local embeddings, multilingual query translation, source citations, and grounded fallback responses
- Implemented an **AI-assisted crop diagnosis workflow** integrating OpenAI Vision, browser speech recognition, and OpenAI speech-to-text, with evidence-based recommendations, confidence levels, follow-up questions, and agricultural safety controls
- Built an **admin-controlled knowledge ingestion system** supporting PDF, DOCX, TXT, Markdown, images, and scanned-document OCR, including text extraction, chunking, embedding generation, vector upserts, upload tracking, and document traceability
- Designed a secure, **containerized backend** with JWT authentication, password hashing, role-based admin access, SQLAlchemy, PostgreSQL/SQLite, REST APIs, persistent storage, health monitoring, and Docker Compose deployment

Technical Skills

Languages	: JavaScript, TypeScript, Python, NoSQL, SQL
Frontend	: ReactJS, Next.js, HTML5, CSS3, Responsive Design, Flutter
Backend	: Node.js, Express.js, NestJS, Bun, Elysia.js, Python (Flask, FastAPI)
Databases	: MongoDB, PostgreSQL
Messaging & Cache	: RabbitMQ, Redis, WebSockets
DevOps & Cloud	: Docker, Nginx, Git, Azure DevOps, GitHub Actions, AWS (Cloud Practitioner, Developer Associate)
APIs & Protocols	: REST, gRPC, TCP, Meta WhatsApp API, OpenAI API, SMS APIs
Practices	: Microservices Architecture, TDD, Agile/Scrum, CI/CD, Code Review

Education

Madanapalle Institute of Technology & Science	Madanapalle, AP
<i>Bachelor of Technology (B.Tech)</i>	<i>2016 – 2020</i>
10X Academy	Online
<i>Full-Stack Developer Bootcamp — Intensive MERN Stack Training</i>	<i>2021 – 2022</i>

Certifications

AWS Certified Developer Associate	<i>Deloitte Learning Academy</i>
AWS Cloud Practitioner Essentials	<i>Deloitte Learning Academy</i>
Python Programming Certification	<i>Cognitive Class</i>
Cambridge Business English Certificate (BEC)	<i>Cambridge Assessment English</i>

Key Achievements

- Performance Optimization** : Reduced API response time by **40%** and designed architecture serving high-traffic production workloads with zero downtime
- User Engagement** : Improved user satisfaction by **35%** via WhatsApp, SMS, and real-time WebSocket notifications
- Compliance & Accuracy** : Achieved **99% KYC accuracy** ensuring secure and compliant verification for financial services
- Development Velocity** : Cut development effort by **20%** through reusable component library; reduced post-deployment issues by **25%**