

DHARMA PRADHAN

Full Stack AI Developer

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PROFESSIONAL SUMMARY

I build AI-powered web and mobile products that actually ship, fast, scalable, and production-ready. With 4+ years of hands-on experience across the full stack, I specialise in turning complex AI capabilities into seamless user-facing features: think LLM-driven chatbots, RAG pipelines, intelligent search, and autonomous agents, all wired into robust Next.js frontends, Flask/Node.js backends, and cloud infrastructure on AWS.

Whether you need a smart document Q&A tool, an AI-powered mobile app in React Native, a high-performance web platform, or a scalable backend with Celery, Redis, and vector databases. I bring end-to-end ownership from architecture to deployment. I've shipped HIPAA-compliant healthcare systems, e-commerce platforms, and AI SaaS products used by real users.

If you're looking for a developer who writes clean code, communicates proactively, and delivers without hand-holding, let's work together.

TECHNICAL SKILLS

Languages	JavaScript, TypeScript, Python
Frontend	React.js, Next.js, React Native, Redux Toolkit, Tailwind CSS
AI / ML	LangChain, LangGraph, OpenAI API, Hugging Face, RAG Pipelines, Prompt Engineering
Backend	Node.js, Express.js, Flask, GraphQL, REST APIs
Databases	PostgreSQL, MySQL, MongoDB, Redis, ElasticSearch
Vector DBs	Pinecone, Chroma, Weaviate, FAISS
Cloud & DevOps	AWS (EC2, S3, Lambda, RDS, SQS), Docker, Celery, CI/CD, Nginx
Testing	Jest, Cypress, Pytest
Other	Axios, Socket.io, Odoo, node-schedule, Stripe API

PROFESSIONAL EXPERIENCE (4+ YEARS)

Full Stack AI Developer | [MyDevTeam](#)

Aug 2025 – Present

- ▶ Designed and deployed production-grade AI agents using LangChain and LangGraph, enabling multi-step reasoning and autonomous task execution across business workflows.
- ▶ Built RAG (Retrieval-Augmented Generation) pipelines integrating vector databases (Pinecone, Chroma) with OpenAI GPT models to power intelligent document Q&A and search applications.
- ▶ Developed full-stack AI-powered web applications using Next.js (frontend) and Flask (backend), deployed on AWS (EC2, S3, Lambda) with Docker containerization.
- ▶ Implemented asynchronous task queues using Celery and Redis for handling long-running AI inference jobs, improving system throughput and responsiveness by 60%.
- ▶ Built cross-platform mobile applications using React Native, integrating real-time AI chat and image processing features with AWS-backed APIs.
- ▶ Designed and optimized vector search pipelines using FAISS and Weaviate for semantic similarity search, reducing retrieval latency by 45% on large document corpora.
- ▶ Integrated AWS SQS and SNS for event-driven communication between microservices, enabling scalable and decoupled AI workflow orchestration.
- ▶ Collaborated with product and ML teams to fine-tune prompt engineering strategies and LLM evaluation frameworks, improving output accuracy by 30%.

- ▶ Built and maintained scalable full-stack applications across healthcare (Artisan) and e-commerce platforms using React.js, Next.js, TypeScript, Redux Toolkit, and GraphQL.
- ▶ Developed a dynamic, reusable form builder in React for bulk patient data intake and validation with real-time dashboard visualization, ensuring HIPAA compliance.
- ▶ Implemented a fully interactive calendar module for patient-doctor appointment scheduling with dynamic time slot selection, improving booking efficiency significantly.
- ▶ Integrated a background scheduling system using Node.js and node-schedule to automate appointment reminders and periodic task executions, reducing manual workload by 50%.
- ▶ Utilized Elasticsearch for indexing and fast retrieval of appointment records, optimizing search performance for large-scale clinical datasets.
- ▶ Built and optimized an SSR portal using Next.js with ISR caching to deliver lab result reports in real-time, reducing page load time from 4s to 0.8s.
- ▶ Collaborated with cross-functional teams (designers, QA, backend) to deliver highly-performant frontend features in a microservices-based healthcare system.

PROJECTS

AI Document Intelligence Platform — Next.js · Flask · LangChain · Pinecone · AWS · Redis

- ▶ Built an end-to-end document processing platform where users upload PDFs and query them using natural language via a RAG pipeline backed by Pinecone vector search and OpenAI GPT-4.
- ▶ Implemented Celery + Redis task queue for asynchronous document chunking, embedding, and ingestion workflows handling thousands of pages concurrently.

AI-Powered Mobile Assistant (React Native) — React Native · Flask · LangGraph · AWS Lambda

- ▶ Developed a cross-platform mobile assistant app with voice-to-text input, AI response generation via LangGraph agents, and offline caching using AsyncStorage and Redis.
- ▶ Deployed backend inference APIs on AWS Lambda with API Gateway for cost-efficient, serverless AI serving.

Social Media Application — MERN Stack · GraphQL · Redis · JWT

- ▶ Implemented JWT-based authentication with Redis caching to enhance session security and improve response times.
- ▶ Built a scalable backend using Node.js, Express.js, MongoDB, and GraphQL for efficient data handling and seamless client-server communication.

EDUCATION

Master of Computer Application (MCA) · Khallikote Autonomous College, Berhampur

Nov 2020 – Jul 2022

Bachelor of Computer Application (BCA) · Berhampur University, Berhampur

2017 – 2020