PRANAV CHIKTE

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EDUCATION

Bachelor of Engineering in Artificial Intelligence and Data Science *June 2022 – May 2026*
P. R. Pote Patil College of Engineering and Management, Amravati, MH

– Relevant Coursework: Data Structures and Algorithms, DBMS, Machine Learning, Operating Systems, Computer Networks

TECHNICAL SKILLS

Frontend: React, Next.js, JavaScript (ES6+), TypeScript, Tailwind CSS, Radix UI, Axios
Backend: Flask, FastAPI, Express.js (Learning), NestJS (Learning), Python, RESTful APIs, JWT Authentication
Databases: PostgreSQL, MySQL, MongoDB, SQLAlchemy, Mongoengine
DevOps & Tools: Git, GitHub, Docker, Docker Compose, CI/CD (GitHub Actions), Postman, Pytest, Linux CLI
Cloud Platforms: Railway, Vercel, DigitalOcean
Additional: Celery, Redis, NumPy, Pandas, Scikit-Learn, Problem Solving (150+ LeetCode)

PROJECTS

FinSight AI Live | GitHub
React, Next.js, TypeScript, Flask, Celery, Redis, MongoDB, JWT, Railway, Vercel

– Architected end-to-end full-stack application with React/Next.js frontend and Flask REST API backend, handling complete product lifecycle from design to cloud deployment
– Structured scalable codebase from scratch with modular design patterns, separating authentication, business logic, and data layers for maintainability
– Built asynchronous task processing pipeline with Celery and Redis, integrating Google Gemini AI API for intelligent expense categorization
– Deployed production stack on Railway (backend) and Vercel (frontend) with environment-based configuration and automated CI/CD pipelines

CineScope Live | GitHub
React, Next.js, TypeScript, Tailwind CSS, Flask, Flask-Caching, Pytest, Vercel

– Developed responsive full-stack movie platform with TypeScript/React frontend consuming custom Flask REST API with proper error handling
– Configured project architecture from scratch establishing folder structure, routing patterns, and component hierarchy following industry best practices
– Optimized performance through server-side caching reducing external API calls by 65% and achieved 95% test coverage with Pytest
– Integrated RESTful APIs using Axios with centralized request/response interceptors and deployed with automated Git-based CI/CD on Vercel

LinkLoom (URL Shortener) Live | GitHub
Python, FastAPI, PostgreSQL, SQLAlchemy, Celery, Redis, Docker Compose, Pytest

– Built production-ready URL shortener with FastAPI and PostgreSQL demonstrating strong relational database design with indexing and migrations
– Structured clean backend codebase with separation of routes, models, schemas, and services following MVC-like architecture patterns
– Containerized application stack using Docker Compose creating reproducible development environments and implemented background analytics with Celery

KEY STRENGTHS

Quick Learner & Adaptable: Successfully transitioning from Python to JavaScript ecosystem; actively learning Express.js and NestJS through hands-on practice

Clean Code Advocate: Write maintainable, well-documented code with emphasis on modular design and separation of concerns across all projects

End-to-End Developer: Proven ability to analyze requirements, architect solutions, implement features, write tests, and deploy to cloud platforms

Immediately Available: Ready for 6-month internship in Pune with strong interest in PPO conversion based on performance

CERTIFICATIONS

Machine Learning Specialization – Coursera (Andrew Ng)   **Machine Learning with Python** – edX (IBM)