

Prasad Anand

+91 9511224345 | ✉ prasad.anand412@gmail.com | 📍 Pune, Maharashtra, IN
🌐 [prasad412](https://prasad412.github.io) | [in prasad-anand](https://www.linkedin.com/in/prasad-anand) | [prasad412.in](https://prasad412.github.io)

EXPERIENCE

Cubeage Technologies Pvt Ltd.

June 2026 – Aug 2026

ML Intern

Pune, MH

- Designed and developed a **document analysis and classification system** using **BART-Large-MNLI** from Hugging Face for automated document categorization and analysis.
- Gained hands-on experience with **Retrieval-Augmented Generation (RAG)** systems, exploring document retrieval, context augmentation, and LLM-based response generation.
- Applied fundamental **NLP techniques** including tokenization, n-grams, text preprocessing, and feature extraction to real-world document processing tasks.
- Worked with **Hugging Face Transformers** and pretrained NLP models to build and experiment with practical text classification and natural language processing pipelines.

Tantrata Solutions Pvt. Ltd.

Jan 2026 – Feb 2026

Software Development Intern

Pune, MH

- Engineered and deployed a responsive personal portfolio website using **React.js**, **Vite**, HTML, CSS, and JavaScript, improving online presence and project discoverability.
- Integrated **Supabase** as a scalable backend-as-a-service solution for real-time data management, authentication, and storage.
- Implemented **Progressive Web App (PWA)** features including service workers and manifest configuration, achieving offline support and cross-device accessibility.
- Configured CI/CD-style deployment pipelines using **GitHub** and **Vercel**, enabling automated builds and zero-downtime production deployments.
- **Live:** [prasad412.in](https://prasad412.github.io)

Greenfinch Digital Business Solutions

June 2025 – July 2025

Business Development Intern

Pune, MH

- Performed data-driven market research and prospective client analysis to identify high-value business opportunities across multiple industry segments.
- Engineered and maintained structured lead-tracking databases using spreadsheet tools, improving data pipeline organization and enabling more efficient reporting workflows.
- Prepared analytical business reports and tracked outreach performance metrics, delivering actionable insights to support strategic decision-making.
- Coordinated cross-functional stakeholder communication and client outreach initiatives, contributing to measurable improvements in acquisition pipeline efficiency.

PROJECTS

Wellness+: AI-Powered Healthcare Dashboard | React.js, Vite, Supabase, Python, Scikit-Learn

- Designed and developed a full-stack healthcare platform enabling users to monitor health metrics, manage wellness records, and visualize trends through an interactive, data-driven dashboard.
- Implemented a symptom-based disease prediction module using **Scikit-Learn** ML algorithms, delivering preliminary health insights with support for informed medical decision-making.
- Integrated **Supabase** for user authentication, real-time database management, and secure storage of sensitive health data, following security best practices.
- Deployed as a **Progressive Web App (PWA)** with service worker caching and responsive design, optimizing performance and accessibility across desktop and mobile devices.
- **GitHub:** github.com/prasad412/wellness

DocuSense: AI-Powered Document Analysis System | Python, OCR, Qwen2.5:7B, Gemini API, NLP

- Architected an end-to-end document intelligence pipeline capable of extracting, processing, and summarizing information from PDFs and scanned documents at scale.
- Engineered OCR integration to convert unstructured scanned documents into machine-readable text, enabling fully automated information extraction without manual input.
- Implemented local **LLM** inference using **Qwen2.5:7B** via Ollama, eliminating API token costs and enabling private, offline document processing.
- Leveraged the **Gemini API** for advanced reasoning and contextual summarization, and designed a multi-stage **NLP** workflow for classification and key-entity extraction.
- **GitHub:** github.com/prasadanand412/DocuSense-document-extractor

Blood Bank Management System | React.js, TypeScript, FastAPI, PostgreSQL, SQLAlchemy, JWT

- Architected a production-grade full-stack Blood Bank Management System with role-based access control (Admin, Staff, Hospital, Donor) and a real-time SaaS analytics dashboard.
- Designed an 11-table normalized **PostgreSQL** database (3NF/BCNF) with 5 automated triggers for inventory integrity, 3 stored procedures for atomic FIFO blood allocation, and optimized views for aggregation queries.
- Built 12 **REST API** endpoints using **FastAPI** with **SQLAlchemy ORM**, JWT-based authentication, Pydantic schema validation, and priority-based request workflows (Emergency, High, Medium, Low).
- Developed a responsive **React + TypeScript** frontend with TailwindCSS, shadcn/ui components, and Recharts visualizations, including KPI cards and donor 90-day eligibility enforcement.

EDUCATION

Zeal College of Engineering and Research (SPPU)

2024 – 2028

Bachelor of Technology in Artificial Intelligence & Machine Learning | CGPA: 9.08/10

Pune, MH

- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Software Engineering, Machine Learning, Cybersecurity
- **Academic Performance:** SGPA – Sem I: 8.45, Sem II: 9.38, Sem III: 9.32
- **Projects:**
 - * **Wellness+** – AI-powered healthcare dashboard with disease prediction, health metric tracking, and PWA support using React.js, Supabase, and Machine Learning.
 - * **DocuSense** – Intelligent document analysis system leveraging OCR, local LLM inference (Qwen2.5:7B), and the Gemini API for extraction, classification, and summarization.
 - * **Blood Bank Management System** – Full-stack platform with an 11-table normalized PostgreSQL database, FastAPI REST backend, and React analytics dashboard.

Silver Crest Junior College

2022 – 2024

Higher Secondary Education (Class XII) | Percentage: 71.5%

Pune, MH

Dnyanganga English Medium School

2022

Secondary Education (Class X) | Percentage: 85.8%

Pune, MH

SKILLS

Programming Languages: Python, C++, C, JavaScript, TypeScript, SQL, HTML/CSS

Frameworks & Libraries: React.js, FastAPI, Vite, SQLAlchemy, TailwindCSS, NumPy, Pandas, Matplotlib, Scikit-Learn

Databases: PostgreSQL, MySQL, Supabase

AI/ML: Machine Learning, Data Analysis, Data Visualization, Predictive Modeling, OCR, Natural Language Processing (NLP), Large Language Models (LLMs), Agentic AI, Prompt Engineering

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming (OOP), System Design, REST API Design, Database Normalization, JWT Authentication

Tools & Platforms: Git, GitHub, Docker, Kubernetes, CI/CD, Vercel, Ollama, Postman, Jupyter Notebook, Kaggle, VS Code

Developer Tools: Linux, Progressive Web Apps (PWA), Responsive Web Design, Agile Development