Aadya Paradkar

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EDUCATION

Bharati Vidyapeeth College of Engineering — Pune, Maharashtra
Bachelor of Technology in Information Technology, CGPA: 9.4 — *July 2023 – Present*

Dr. Kalmadi Shamarao High School — Pune, Maharashtra
High School Diploma — *Feb 2023*

TECHNICAL SKILLS

Programming Languages: C, Data Structure and Algorithm in C++, SQL
Web: HTML, CSS, JS
Developer Tools: Git/Github, VS Code, PowerBI, Google Cloud Platform, Cursor
Data Analytics: Data Visualization, Pandas, NumPy, Excel, Basic Statistics

EXPERIENCE

Google GenAI Exchange Hackathon | Github Link — Pune, Maharashtra
Semi-Finalist — *Sep 2025*

- Developed KarigarSetu, an AI-driven cultural marketplace using Next.js, Node.js, Firebase, and Google Cloud (Gemini, Vertex AI, BigQuery) for artisan discovery and personalization.
- Integrated Gemini API for conversational search with RAG + LRU caching, and Google Translation and Maps APIs for multilingual, location-aware experiences.
- Deployed on Docker + Cloud Run with Razorpay for secure payments and BigQuery ML for growth analytics and trend prediction.

Bajaj Finserv HackRX 6.0 | Github Link — Pune, Maharashtra
Phase-2 Qualifier — *Aug 2025*

- Built an AI-powered insurance policy assistant (Policy-Brain) for the Bajaj Finserv Hackathon, enabling users to query and retrieve key information from uploaded insurance policy documents with high accuracy.
- Developed a full-stack solution using Next.js, Tailwind CSS, Python, MongoDB, Pinecone, and LangChain with LRU caching to optimize query performance and reduce API latency.
- Implemented BM25 keyword search using scikit-learn and integrated Gemini 1.5 Pro Mini for semantic reranking and natural language processing, significantly improving retrieval relevance and response precision.

PROJECTS

Moody- AI Based Emotion Detection Platform | *React.js, Node.js, TensorFlow, OpenAI API* | Github Link

- Developed an AI-powered web app that analyzes user emotions through text and image inputs to deliver personalized wellness recommendations.
- Implemented real-time sentiment analysis and mood classification using TensorFlow and OpenAI models for adaptive content generation.
- Integrated a Node.js backend with RESTful APIs and optimized response time through asynchronous data handling for seamless user interaction.

Netflix Content Analysis- Data Analytics Project | *Python, Pandas, Matplotlib, VS Code, PowerBI* | Github Link

- 8.8k+ Netflix titles to uncover trends by genre, country, and release year integrated with PowerBI
- Cleaned and engineered features like year added and duration value for insights.
- Revealed Netflix's post-2015 content surge and dominance of movies over TV shows.

CERTIFICATIONS

The Joy of Computing Using Python by IIT Madras | Issued on November 2024 by Swayam NPTEL | **Credentials:** NPTEL24CS113S85200261203886538

Introduction to MongoDB (for Students) | Issued on June 2025 by MongoDB | **Credentials:** MDBge9brsa25q