

# Aadya Paradkar

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## EDUCATION

### Bharati Vidyapeeth College of Engineering

*Bachelor of Technology in Information Technology, CGPA: 9.4*

Pune, Maharashtra

*July 2023 – Present*

### Dr. Kalmadi Shamarao High School

*High School Diploma*

Pune, Maharashtra

*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:**

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