

# 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++, C, Python, SQL

**Web:** HTML, CSS, JS

**Developer Tools:** Git/Github, VS Code, PowerBI, Google Cloud Platform, Cursor, Docker

**Data Analytics:** Data Visualization, Pandas, NumPy, Excel, Basic Statistics

**Core Concepts:** Data Structures in C++, OOPs, DBMS, Operating Systems, Computer Networks

## EXPERIENCE

### Google GenAI Exchange Hackathon | [Github Link](#) | [Deployed 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 Vercel 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

### LeetVisual | *React.js, Node.js, Typescript, Rapid API* | [Github Link](#) | [Deployed Link](#)

- Developed a web app that visualizes LeetCode problem logic with interactive step-by-step algorithm animations.
- Integrated a multi-language code editor (Python/C/C++/Java) with real-time execution using Judge0 APIs.
- Built a responsive React + Node.js system for fast, seamless visualization and coding experience.

### 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

## ACHIEVEMENTS

### GeeksforGeeks Campus Body

Technical Member

Pune, Maharashtra

Apr 2025 – Present