

# Deepti Singh

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## EDUCATION

**Thakur College of Engineering and Technology**  
*Bachelor of Technology in Artificial Intelligence and Data Science*

Mumbai, Maharashtra  
Nov. 2022– May 2026

**Bharatiya Vidya Bhavans**  
*Science*

Mumbai, Maharashtra  
Aug. 2020 – June 2022

## EXPERIENCE

**Open Source Head**  
*Mindbenders TCET*

August 2024 – Present  
Mumbai, Maharashtra

- I manage and contribute to blogs and projects by deploying them on the website, ensuring they are well-maintained and up-to-date. My role involves fostering collaboration, maintaining code quality, and promoting open-source initiatives.

**Backend Developer**  
*GNZY*

November 2024 – December 2024  
Mumbai, Maharashtra

- Streamlined backend codebase, reducing technical debt by 25percent and improving system performance by 15percent.
- Designed and tested 20+ APIs, achieving 100percent functionality and data accuracy within project deadlines.

**Data Scientist Intern**  
*Evoastra Ventures Pvt Ltd*

July 2024 – August 2024  
Mumbai, Maharashtra

- Conducted credit risk analysis on 10,000+ loan applications, achieving 85percent accuracy.
- Developed 3 machine learning models to optimize loan processing, reducing approval time by 15 percent.
- Delivered insights from web-scraped data for car brands like Tata, Hyundai, and Maruti, influencing key client decisions.

**Backend Developer**  
*Tcet Open Source*

June 2023 – July 2024  
Mumbai, Maharashtra

- Reduced response time for critical system functions by 30 percent through database optimization using MongoDB.
- Built scalable backend services handling 1,500+ daily requests, ensuring system reliability.

## PROJECTS

**Imaginify** | *Next.js, Typescript, Shadcn UI, Payment Gateway*

December 2024

- An AI-powered image SaaS platform used by hundreds of users for advanced image transformations, including restoration, object removal, generative filling, and background removal
- Integrated Razorpay and Clerk, enabling secure payment processing for credit purchases and seamless authentication for a growing user base.
- Engineered a responsive and user-friendly UI/UX using Shadcn UI and TailwindCSS, ensuring a smooth experience across all devices.

**WorkSmart AI** | *Node.js, React.js*

October 2024

- Developed a SaaS platform for monitoring remote employee productivity, task scheduling, and generating AI-powered meeting summaries.
- Designed scalable backend services to ensure seamless task updates and real-time user interaction.
- Optimized for office and hiring managers to streamline workflows and improve team efficiency.

**Youtube Transcript Summarizer** | *Python, Stream lit, NLP, API*

September 2024

- Built an application that processes YouTube video transcripts and generates concise, AI-driven summaries.
- Implemented NLP techniques to extract key points, improving comprehension and saving users time.
- Utilized APIs for transcript retrieval and designed an intuitive interface for enhanced user experience.

**Credit Risk Analysis** | *Python, Numpy, Pandas, Machine Learning, Web Scraping, Data Visualizations*

July 2024

- Analyzed a dataset of 10,000+ loan applications, performing exploratory data analysis (EDA) to identify default patterns.
- Created and fine-tuned 3 machine learning models to predict credit risk, achieving an accuracy of 85percent and improving risk mitigation by 20percent.
- Delivered actionable insights to optimize loan processing and reduce approval time by 15 percent

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript, Typescript, HTML/CSS

**Frameworks:** React.js, Node.js, Express.js, Flask, Streamlit, Next.js

**Developer Tools:** Git, GitHub, Jupyter Notebook, Visual Studio, My SQL, MongoDB, Postman, Power BI, Tableau

**Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Plotly, Beautiful Soup, Requests