

PRIYANSHU KUMAR

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EDUCATION

9.02 / 10	BACHELOR OF ENGINEERING(B.E.) , Computer Engineering Expected Completion: July 2026	2022-26
95.60%	XII(CBSE) , Kendriya Vidyalaya Nasik Maharashtra	2020-21
92.80%	X(CBSE) , Kendriya Vidyalaya Nasik Maharashtra	2018-19

PROJECTS

QuickCommute

React.js, Bootstrap, Tailwind, Node.js, Express.js, MongoDB, WebSockets, Payment gateway, MapmyIndia API, Postman

- A ride-hailing platform enabling users to book rides, track locations, and view live updates via an interactive map.
- Integrated **MapmyIndia free API** for route optimization, ride tracking, and driver discovery, improving service efficiency.
- Triggered real-time notifications for booking updates and driver location using **WebSockets (Socket.io)**.
- Implemented secure payment processing with **Stripe** and user authentication with **JWT**.
- Deployed on **AWS** for high scalability and reliability, handling dynamic ride requests and transactions seamlessly.

BookVault

Python, Web Scrapping, MongoDB, Telegram Bot API, Flask, Docker

- An **end-to-end Telegram bot** enabling users to **search, request, and download books** in various formats.
- Integrated **Telegram Bot API** and **Google Books API** for seamless communication and book metadata retrieval.
- Implemented **web scraping** with **BeautifulSoup** to fetch book details from online sources.
- Designed a **robust backend** using **Python** and managed book data with **MongoDB**.
- Automated **file hosting and delivery** via **AWS S3** and supported **PDF manipulation** using **PyPDF2**.
- Deployed the bot using **Docker**, ensuring **scalability** and **reliability** for a growing user base.

VocalScribe

Node.js, FFmpeg, Google Speech to text API, MongoDB, AWS

- Developed a **video-to-text conversion website** that extracts audio from videos and transcribes it into text using **Google Speech-to-Text API** and **FFmpeg**.
- Designed and implemented a **responsive frontend** using **React.js** and **Bootstrap**, ensuring cross-device compatibility and seamless user experience.
- Built a robust **backend** with **Python (Flask/Django)**, managing audio processing and user requests efficiently.

SKILLS AND INTEREST

Languages: C++, Python, JavaScript, Java

Libraries: React, Node, Express, Tailwind, Bootstrap, Matplotlib, Tensorflow, Scikit-learn, Pandas, Numpy

Concept & Skills: OOPs, DSA, Computer Networks, Communication, Teamwork, Problem Solving

Interest: Developer, Machine learning, DevOps

ACHIEVEMENTS

MasterCard Code for Change Hackathon Aug 2024

Adobe GenSolve Hackathon July 2024

SIH selected at college level Sep 2023

Solved more than **1000** problems on different coding platforms

Built over **150** different machine learning models

Recipient of **ESSA scholarship** from AWWA

Recipient of Merit Cum Scholarship

School **Topper** in Class **XIIth** and **Xth**

LINKS

Hackerrank | **Codeforces** | **CodeChef** | **LeetCode** | **GeeksforGeeks** | **Kaggle**