

Bhavya Goyal

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PROJECTS

BigSy (Smart India Hackathon(2022) Winner) Link to Github [Backend](#) [Frontend](#)

- **Problem Statement (AT980)** Big data searching for Madhya Pradesh police
- **Unified Form of Database** software that can search text within any format of data/file such as jpeg, png, pdf, word, SQL, JSON, CSV, or audio files.
- **Searching:** Elastic search was used to quickly query large amounts of data, taking about 200ms (approx 1.6 million documents).
- **Image Preprocessing:** Reading text from an image, labeling, captioning it, and extracting meta information from it.
- **Tech Used:** ReactJS, Elastic Search, Chakra UI, FastAPI, Google Cloud (Vision and Translation) APIs

PartnersInCrime (Web Development) Link to Deployment [Partners in Crime](#)

- **Community web application** to facilitate collaboration between IIITK developers.
- **Statistics:** Utilized by more than 120 IIITK students to take part in various hackathons and work together on individual projects.
- **Features:** In-app chat support, List of all hackathons posted on various platforms like MLH DEV-POST and DEVFOLIO in one place, Broad and Efficient Search Algorithm
- **Tech Used:** ReactJS, FastAPI, MongoDB, Firebase, Vercel, Heroku, Selenium, Beautiful Soup

EDUCATION

2020 - present B.Tech in Computer Science and Engineering at **Indian Institute of Information Technology Kottayam** (GPA:7.41/10.0)

ACHIEVEMENTS

- Smart India Hackathon (2022) Winner for Problem Statement AT980. [Certificate](#)
- First Runner-Up in the Hackathon for Reflections AI 4.0.
- Secured Global Rank 4789 in Google Hash Code 2022.
- Currently ranking in the top 1%ile in TryHackMe among 10,00,000 ethical hackers. [Profile](#)

SKILLS

LANGUAGES

Python, C/C++, JavaScript, Solidity

FRAMEWORKS and LIBRARIES

OpenCV, MediaPipe, Pycaw, NumPy, Pandas, Pomegranate, ReactJs, NextJs, tailwind, React Native, Express, Django, Flask, Chakra UI

TOOLS

Docker, GIT, PostgreSQL, MySQL, SQLite, MongoDB, Elastic Search, GCP