

# Saikat Das

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## Education

**Indian Institute of Technology (BHU), Varanasi**  
*B.Tech in Mining Engineering*

Expected May 2027  
CPI: 8.39

**Delhi Public School, Dhanbad, Jharkhand**  
*Central Board of Secondary Education*

2022  
Percentage: 88.2

## Experience

**Vrajpath iTech LLP**  
*Flutter Developer Intern*

1st Dec'24 - 30th Dec'24  
[Location - Remote]

- Enhanced Flutter application performance through optimized state management techniques.
- Integrated Google Maps API for location-based features and Razorpay SDK for payment processing.
- Contributed to the successful publishing of the application on the Google Play Store. (View on Play Store)

## Projects

**Synqit** | *Flutter, Python, Firebase, PostgreSQL*

(dis70rt/synqit)

- Engineered a novel cross-platform application for synchronized music playback across diverse devices, utilizing both internet and local network (Bluetooth/Wi-Fi) protocols for seamless audio experiences.
- Architected a robust and scalable backend, incorporating industry best practices to ensure high availability and optimal performance for a dynamic user base.

**SubPaper** | *Flutter, Python, Flask, Firebase, Google Ads*

(Google Play Store)

- Spearheaded the development of a high-performance Reddit API-based wallpaper application, achieving a 70% improvement in data retrieval speed through a custom Flask API and advanced caching.
- Delivered a production-ready mobile app with a dynamic search, robust state management, and integrated Google Ads, available on the Google Play Store.

**SS-YT** | *Python, FFMPEG, Flask, HTML, CSS, Docker*

(dis70rt/ss-yt)

- Developed a versatile YouTube video downloader with API integration, uniquely enabling 1080p video downloads, a feature surpassing many existing solutions.
- Containerized the application using Docker, ensuring seamless deployment and cross-platform compatibility for enhanced accessibility.

## Technical Skills

**Languages:** Rust, Python, Dart, C++

**Frameworks:** Flutter, Flask, FastAPI

**Tools:** Docker, Linux, Firebase, Git, Android SDK, PostgreSQL, Sockets, gRPC, Redis

**Concepts:** Serverless Computing, API, Database, Web scraping, pub-sub

## Achievements

- **2nd Prize in Nutanix Hackathon** for developing a Workflow Engine with a React-based node UI.
- **All India Rank 13757 in JEE Advanced**, the most prestigious engineering entrance exam in India.
- **All India Rank 8166 in JEE Mains**, in a total of **11,13,325** candidates across India.
- **All India Rank 680 in WB-JEE**, in a total of **1,24,919** candidates across India.