



# AGNIK BISHI

## COMPUTER SCIENCE STUDENT

### CONTACT

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Kolkata, Salt Lake, Sector 5,  
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### EDUCATION

2022-2026

INSTITUTE OF ENGINEERING AND  
MANAGEMENT (KOLKATA)

- Bachelor of Computer Science

2020-2022

KHUKURDAHA ICMH HIGH SCHOOL

- Higher Secondary
- Percentage : 80.6

### SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Problem Solving

### LANGUAGES

- English (Fluent)
- Bengali (Fluent)
- Hindi (Fluent)

### PROFILE

I am a B.Tech student at Institute of Engineering and Management (Kolkata), passionate about using technology to solve complex problems. I have a strong foundation in Python, C, Java, Flask, FastAPI, AWS in backend development, machine learning, and Android development. My expertise includes deep learning, NLP, generative AI, and computer vision, enabling a data-driven problem-solving approach. I focus on algorithms and data structures, committed to continuous learning and innovation. With hands-on experience, I aim to contribute to challenging projects and advance software engineering.

### WORKING PROJECTS

#### Melody Voice Assistant

- Personalized Voice Assistant:** My Melody is a voice assistant designed to interact with users using natural, human-like conversation. It focuses on providing a customized user experience by adapting to individual preferences.
- Smart Task Management:** It helps streamline daily tasks such as setting reminders, managing schedules, and sending notifications, allowing users to stay organized and efficient.
- Entertainment & Information Hub:** My Melody also serves as an entertainment source, playing music, answering general knowledge questions, and offering real-time updates on news, weather, and more.

#### Sentiment Analysis Using GNN

- Deep Learning Approach:** Uses Graph Neural Networks (GNN) for sentiment analysis by effectively capturing complex relationships and dependencies in text data, going beyond traditional sequential models.
- Enhanced Contextual Understanding:** Leverages graph structures to model word interactions and contextual nuances, improving accuracy in detecting positive, negative, or neutral sentiments.
- Scalable & Robust Analysis:** Provides scalable solutions for analyzing large datasets, making it suitable for social media, customer reviews, and real-time sentiment monitoring.

#### AI Studio

- Comprehensive AI Platform:** AI Studio integrates multiple AI-powered tools, including blog generation, code generation, and text generation, designed to streamline creative and technical workflows.
- Content & Code Automation:** The AI Blog Generator crafts high-quality articles, while the AI Code Generator writes efficient, context-aware code snippets, enhancing productivity for content creators and developers alike.
- Versatile Text Solutions:** Supports AI-powered text generation for various use cases, from drafting emails and reports to generating product descriptions, offering flexible solutions for businesses and individuals.

#### Github: JISHUBISHI