A N K I TA SAHA

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I’m a final-year Electronics and Communication Engineering student with a solid foundation in Data Structures and Algorithms, seeking a role where I can contribute to impactful full stack projects integrated with AI and Machine Learning in real-world applications.

# SKILLS

Languages: C++, Python Web related: HTML, CSS, JavaScript, Flask Databases: MySQL ML related: TensorFlow, Pandas, NumPy, Matplotlib Computer fundamentals: OS, OOPS, DSA

# EXPERIENCE

**State Bank of India** *May 2025-July 2025*

* Anti-money laundering & high risk customer detection

**Prodigy Infotech**  *June 2024 - July 2024*

* Developed front-end websites like portfolio , weather app, landing page, Multiplayer Tic Tac Toe using HTML, CSS and JavaScript

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# EDUCATION

**Institute of Engineering and Management** *2022 - 2026*

* B.Tech in Electronics and Communication Engineering
* YGPA (till 6th semester): 9.03

## South Point High School -AISSE

* Percentage: 85.4%

## South Point High School-AISSCE

* Percentage: 93.4%

# PROJECTS

## [Medical chatbot](https://github.com/Anky2004/Medical-chatbot)

* Built an AI-powered medical chatbot using Flask, LangChain, and Together.ai, leveraging a custom knowledge base from medical PDFs indexed with Pinecone and HuggingFace embeddings. Integrated personalized medicine reminders with user authentication, real-time popups, and a responsive UI using bootstrap.
* Tools used: Flask, LangChain, Together.ai(Mixtral-8x7B), HuggingFace Embeddings, SQLite , Pinecone,

## [Book Recommender](https://github.com/Anky2004/BOOK-RECOMMENDER)

* Developed a book recommendation system using collaborative filtering techniques to suggest personalized books based on user ratings.
* Tools used : Flask, Numpy, Pandas

# CERTIFICATIONS

* Introduction to Generative AI [Certificate](https://coursera.org/share/34f91cf3a6445924806ceba46881dee7) *Coursera*
* Machine Learning Foundations : Statistics [Certificate](https://www.linkedin.com/learning/certificates/7c1df9a2b10f787f77a9e999031e90870f7062b20c43e7cb2510e0f83c9fbf1d?u=229219690) *LinkedIn Learning*
* Deloitte Australia Technology Job Simulation on Forage -[Certificate](https://acrobat.adobe.com/id/urn:aaid:sc:AP:19dce3c2-624f-4986-9d0e-c69112bf43d2) *Forage*
* Machine Learning with Python, IBM-[Certificate](https://www.coursera.org/account/accomplishments/certificate/X1O3OFUEVDOA)  *Coursera*

# PUBLICATIONS

*Review Paper on Machine Learning Models for Photonic Crystal*

* Authors: Ankita Saha, Jishan Mitra, Dr Rajib Ghosh

# OTHERS

* Participated in Competitive Coding (Kshitij ’25, IIT Kharagpur)
* Participated in IEM HACKOASIS’24
* Participated in Smart India Hackathon ’24 (shortlisted in internal hackathon)