

# SAPTARSHI ROY

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## CAREER OBJECTIVE

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Motivated B.Tech Computer Science student seeking an internship to apply expertise in enterprise system integration, database operations, and automation technologies. Committed to driving efficient solutions while expanding knowledge in cloud-based application management and enterprise software ecosystems.

## EDUCATION

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### Bachelor of Technology (Computer Science and Engineering) 08/2023 - Present

Sister Nivedita University, Kolkata, West Bengal

CGPA - 3rd Year: Current

CGPA - 2nd Year: 9.09 / 10.00

CGPA - 1st Year: 9.33 / 10.00

### Higher Secondary Education (WBCHSE) 04/2021

Rajagram S.B. Raha Institution, West Bengal

Percentage: 91.4%

### Secondary Education (WBBSE) 06/2019

Rajagram S.B. Raha Institution, West Bengal

Percentage: 90.14%

## EXPERIENCE

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### Co-Founder & Developer – Anabas Labs 01/2026 - Present

[anabaslabs.com](https://anabaslabs.com)

### Digital Transformation Service Design – XPMC (Employability.life) 11/2025 - 01/2026

Training Program | [Credential Link](#)

## PROJECTS

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### Developer – Arkiv 12/2025 - Present

- Developed Arkiv, an RAG (Retrieval-Augmented Generation) tool.
- Arkiv supports PDF, DOCX, XLSX, CSV, PPTX, and text files for intelligent document analysis.
- Website: <https://arkiv.hirishi.in>
- GitHub: <https://github.com/saptarshiroy39/Arkiv>

### Developer – Speed Bar 03/2026 - 03/2026

- Developed a VS Code Extension that runs internet speed tests directly from a dedicated Activity Bar panel.
- Displays IP, Country, ISP, Download, Upload, and Ping without leaving the editor.
- Marketplace: [saptarshiroy39.speedbar](https://marketplace.visualstudio.com/items?itemName=saptarshiroy39.speedbar)
- GitHub: <https://github.com/saptarshiroy39/Speed-Bar>

### Backend Developer – Cipher 02/2026 - 02/2026

- Built a complete toolkit for Cryptography supporting Encryption, Decryption, and Frequency Analysis Attacks.
- Implemented features to compare attacked text with original text to evaluate accuracy.
- Website: <https://cipher.hirishi.in>
- GitHub: <https://github.com/saptarshiroy39/Cipher>

## SKILLS

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### Technical Skills:

- **Languages & Frameworks** : C, C++, Python, FastAPI
- **Databases**: MySQL, Supabase, Pinecone
- **DevOps & Automation**: Git, GitHub, Docker, n8n
- **Cloud & Deployment**: GCP, Vercel, Render

### Soft Skills:

- Teamwork & Collaboration
- Problem-Solving
- Time Management
- Active Listening

## CERTIFICATIONS & ACHIEVEMENTS

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- **Machine Learning and NLP Basics** – Edureka (Coursera)
- **Introduction to Computers, Operating Systems, and Security** – Microsoft (Coursera)