

# Sayan Das

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<https://github.com/Nobita006>  
[https://nobita006.github.io/Sayan\\_Portfolio/](https://nobita006.github.io/Sayan_Portfolio/)

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📍 Kolkata, West Bengal, India

## EXPERIENCE

- **Intern in the Engineering, AI & Data Modernization of Technology & Transformation** Kolkata  
*Deloitte India* 01/2025 - Present
- **Software Developer Intern** Kolkata  
*E-CUBE Energy Infra Pvt Ltd* 04/2024 - 06/2024
  - Developed an energy management software for e-cube. It will help its clients to monitor both real time data and get historical data about various parameters of their energy consumption and SEC.
  - Implemented Pymodbus for data collection from meters and stored it in an SQL database, building a dynamic web application using PHP (backend) and Smarty (frontend).
  - Screen Recording (Demonstration)- <https://youtu.be/MJHU7BI8GRE>
- **Freelance** Remote  
*Fiverr* 07/2021 - Present
  - Achieved Level 2 seller status on Fiverr, successfully completing hundreds of client projects all across the world with consistent positive feedback and high ratings.
  - Created and delivered multiple high-demand gigs focused on Maintenance, Software Development, Feature Addition, Bug Fixes and CAD/CAM.
  - Fiverr profile - [https://www.fiverr.com/sayan\\_on](https://www.fiverr.com/sayan_on)
- **Junior Engineering Trainee** Vadodara  
*Larsen & Toubro Limited* 08/2022 – 10/2022
  - Joined L&T - Energy Power after completing my Diploma in Electrical Engineering.

## PROJECTS

- **AI website for facial feature extraction** -- Live - <https://nobita006.github.io/facial-analysis-app/>  
[Github](#)
  - AI website for facial feature extraction, skin analysis and recommend skin-care products.
  - Integrated GenAI (Google Gemini) chatbot to clarify any skincare-related questions.
  - (Frontend hosted on GitHub Pages and Backend Hosted on AWS Lightsail with MongoDB)
- **PDF Insights App** - [Github](#)
  - A RAG application allowing users to upload PDFs, query their content, and get precise answers via a Streamlit interface.
  - It uses MiniLM-L6-v2 embeddings, a Chroma vector database, LangChain, and GPT for efficient, context-aware responses.
- **Computer Vision** - <https://youtu.be/1MytSf-vbFE?si=LFO0R35EqahVh0c9>  
[Github](#)
  - Hand Gesture Controlled Video Player using Mediapipe and PyAutoGUI
- **Tennis Store E-Commerce Website** - [https://youtu.be/-CPOHu5W4pA?si=a1hRpTawiSChH\\_aG](https://youtu.be/-CPOHu5W4pA?si=a1hRpTawiSChH_aG)  
[Github](#)
  - Developed using the Django Framework, the website allows customers to sign up, browse products in various categories and manage their shopping experience through features like search, pagination, and a shopping cart.
  - It supports different user types, such as managers and customers, each with specific functionalities.
- **Chess** - [Github](#)
  - Chess Game Made using Pygame Library of Python while following OOP principles.

## EDUCATION

- **Jadavpur University** Kolkata  
*B.E - Information Technology* 2022 - 2025
- **Jnan Chandra Ghosh Polytechnic** Kolkata  
*Diploma - Electrical Engineering - 8.4 GPA* 2019 - 2022
- **Patha Bhavan** Kolkata  
*HS - WBCHSE - 73.8 %* 2017 - 2019

## SKILLS SUMMARY

- **Languages** C, C++, Java, Python, PHP, Prolog, JavaScript, Kotlin, HTML, CSS
- **Frameworks** ReactJS, NodeJS, AngularJS, Flask
- **Databases** MySQL, MongoDB, PostgreSQL
- Software Development, Machine Learning, Cloud Computing - AWS, Automation, RAG, Computer Vision, GenAI, Cybersecurity, Big Data, DSA, OOP, Computer Networks, OS, DAA, Git

## IMPORTANT EXAM RANKS

- **JELET** Rank (GMR) – 30
- **GATE** CS Qualified | Score - 411

## SENIOR NAVY NCC

- No. 1 Bengal Naval Unit NCC (2019 – 2022)
- I am an LCDT at Navy NCC with grade 'A' in both B & C certificates

## LANGUAGES

- English, Bengali, Hindi (Spoken and Written)

## FINAL YEAR RESEARCH

- Elliptic Curve Cryptography <https://ellipticcurvecalculator.onrender.com/>
- Exploring how ECC's mathematical foundation translates into secure cryptography.