Sayan Das

Linkedin - http://www.linkedin.com/in/sayandas1

Github - https://github.com/Nobita006

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Kolkata

EXPERIENCE

Software Engineer Intern at E-CUBE Energy Infra Pvt Ltd   (May 2024 – July 2024)

- I 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.
- We use Pymodbus to collect data from meters and store it in an SQL database.
  Then I used PHP in backend and Smarty template in frontend to develop this energy management web application.
- Screen Recording (Demonstration)- https://youtu.be/MJHU7Bl8GRE

Freelance

- I am a level 2 seller on Fiverr with hundreds of happy clients across the globe.
- I have several gigs related to Software Engineering and CAD/CAM.
- Fiverr profile - https://www.fiverr.com/sayan_on

FINAL YEAR RESEARCH TOPIC

- Elliptic Curve Cryptography - https://ellipticcurvecalculator.onrender.com/

PROJECTS

Portfolio Website- https://nobita006.github.io/Sayan_Portfolio/
AI website for facial feature extraction, skin analysis and recommend skin-care products. Integrated GenAI (Google Gemini) chatbot to clarify any skincare-related questions.   Code Link - https://github.com/Nobita006/facial-analysis-app   Live link- https://nobita006.github.io/facial-analysis-app/   (Frontend hosted on GitHub Pages and Backend Hosted on AWS Lightsail with MongoDB)
Computer Vision - Hand Gesture Controlled Video Player   Code Link/ Demonstration - https://github.com/Nobita006/Hand-Gesture-Video-Player
Social Media Campaign website made using html, js, php and hosted on AWS- EC2   Live link - http://ec2-13-201-57-49.ap-south-1.compute.amazonaws.com/
Weather monitoring application with Historical trends and map integration   Code Link/ Demonstration - https://github.com/Nobita006/weather_monitoring_app
Chess Game Made using Pygame Library of Python while following OOP principles.   Code Link- https://github.com/Nobita006/chess_with_python
CAD/CAM Portfolio   Google Drive Link- CAD/CAM Portfolio Files

IMP. EXAM RANK

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

EDUCATION

B.E, Information Technology
Jadavpur University   (2022--2025)

Diploma, Electrical Engineering   **(GPA: 8.4)**
Jnan Chandra Ghosh Polytechnic   (2019 – 2022)

Higher Secondary (XII), Science
Patha Bhavan (WBCHSE board)   (2017--2019)

TRAININGS

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.

SKILLS

Full Stack Software Development, Machine Learning, Computer Vision, Cloud Computing-AWS, GenAI, Cybersecurity, Big Data, DSA, OOP, Computer Networks, Information Security, OS, DAA, C, C++, Java, Python, PHP, Prolog, JavaScript, Kotlin, HTML, CSS, SQL, NoSQL, Hadoop Ecosystem, Compiler Design, Git, Fast Learner, Problem Solver, CAD/CAM (AutoCAD, Inventor, Fusion 360, Revit, FeatureCAM, Lumion, Twinmotion, etc)

LANGUAGES

English, Bengali, Hindi   (Spoken and Written)

PERSONAL DETAILS   Date of Birth- 14 June 2001   Gender – Male   Address – Kolkata - 61, India

HOBBY

Swimming, Chess, Boat Racing