SAYAN BISWAS

sayancyan@gmail.com | +91-9073564318 | LinkedIn | GitHub

EDUCATION

Dream Institute of Technology, Kolkata
Bachelor of Technology
- Computer Science and Engineering
- 2021 - 2025
- Grade: **83%**

Kendriya Vidyalaya Fort William, Kolkata
High School Certificate (CBSE)
- Class 12th Science Stream
- 2020 - 2021
- Grade: **85%**

SKILLS

Languages: **Python**, Java.
DBMS: **MySQL**, **MongoDB**.
Web Development: **HTML**, **CSS**, **JavaScript**
Frameworks: **Node.js**, **React.js**, Next.js, Express.js.
Version Control: Git, GitHub.

Certifications

AWS Cloud Architecting, AWS Cloud Foundations - *AWS Academy*
Generative AI, Gen AI Virtual Internship - *Google & Eduskills*
Android Virtual Development - *Google & Eduskills*
HTML/CSS, Web Development- *Test Dome / Prodigy Infotech*

PROJECTS

Health Chatbot – Backend Development
Tech Stack**: NodeJS, ExpressJS**
- Integrated **OpenAI API** to deliver context-aware medical advice, achieving a consistent response accuracy.
- Designed & deployed secure RESTful endpoints handling user queries, **reducing API latency by 25%**.

Loan Eligibility Prediction – Machine Learning Model | GitHub-Link
Tech Stack: **Python, Scikit-Learn, pandas, Matplotlib**
- Built and compared multiple classification algorithms to predict loan approvals based on user financial profiles.
- Evaluated model performance using cross-validation metrics (accuracy, precision, recall) to select the optimal algorithm.

AI-Based ATS – Full-Stack Development| Deployed project | GitHub-link
- Tech Stack: **Python, Streamlit**
- Developed an AI-based Applicant Tracking System to evaluate resumes and provide insights.
- Integrated **Google Gen AI** to analyse resume content, generate evaluation summaries, and calculate ATS match percentages.
- Implemented PDF parsing and image conversion to process uploaded resumes efficiently within the Streamlit API.

EXPERIENCE

Web Development Intern, *Prodigy Infotech* (Online)
April 2024 – May 2024 | [Certificate]
- Developed responsive web pages using **HTML, CSS and JavaScript**, improving user engagement.
- Assisted in version control workflows with Git and GitHub.

Trainee – AI/ML, *AiLabs Data Core* (Onsite)
July 2024 – September 2024 | [Certificate]
- Implemented and optimized machine-learning classification for a loan approval prediction system.
- Conducted data analysis and feature engineering on large datasets using Python and Scikit-learn.

Trainee – Python Full Stack, *Qspiders & Jspiders* (Onsite)
- August 2025 – Ongoing | [Certificate]