

SAYAN BISWAS

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EDUCATION

Dream Institute of Technology, Kolkata

Bachelor of Technology (B. TECH - CSE)

- 2021 - 2025
- CGPA: **8.3/10**

Kendriya Vidyalaya Fort William, Kolkata

Class 10+2 (CBSE)

- Percentage: **85%** | Completed: 2021

SKILLS

Programming Languages: Python, Java.

Database Management: MySQL, MongoDB.

Web Development: HTML, CSS, JavaScript

Developer Tools: Git, GitHub, Google Cloud Platform.

Frameworks & Libraries: Node.js, React.js, Express.js.

Deployment: Vercel, Netlify.

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

Tech Stack: **Python**

- 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.

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 models (KNN, Random Forest, SVM, Logistic Regression) for a loan approval prediction system, enhancing accuracy by iterative tuning.
- Conducted data analysis and feature engineering on large datasets using Python and Scikit-learn.