Prem Saha

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https://github.com/Prem-Saha

Technical Skills

Web Development: HTML, CSS, JavaScript, NextJS, TypeScript, ReactJS, NodeJS, ExpressJS, TailwindCSS, Vite

Database Management: SQL, PostgreSQL, MongoDB

Programming Languages: Java, Python, C, C#.NET, PHP

Additional Skills: Search Engine Optimization (SEO), *NumPy*, *pandas*

Experience

Edunet Foundation   **December 2023 – January 2024**
AI & Cloud Intern   *Remote*

- Authored and deployed 2 chatbots using IBM Watson on the IBM Cloud platform, enhancing customer interaction and support.
- Assisted in the integration of AI solutions into existing systems and workflows, reducing processing time by 30%.
- Implemented machine learning models, including a Support Vector Machines (SVM), for data analysis and prediction tasks. The model achieved 87% accuracy and 100% precision.
- Conducted research and experimentation, achieving a 15% improvement in the performance of AI algorithms and models.

Personal Projects

MedApp| *https://github.com/Prem-Saha/medapp*   **July 2024**
- Created a healthcare patient management application using Next.js.
- Features include patient registration, appointment booking, management, and administrative tools.
- Implemented SMS notifications for appointment updates.
- **Tech Stack:** Next.js, Appwrite, TypeScript, TailwindCSS, ShadCN, Twilio

Multiple Disease Prediction System https://github.com/Prem-Saha/Disease_prediction_App   **January 2024**
- Developed a healthcare application using machine learning to predict Parkinson's syndrome, Diabetes and Heart disease with 87% accuracy and 98% precision.
- Enabled users to input medical data and receive predictions via distinct models (SVM, Logistic Regression).
- Deployed with Streamlit, featuring a sidebar for switching between disease predictors.
- **Tech Stack:** Python, NumPy, Pandas, scikit-learn, Streamlit

Education

Netaji Subhash Engineering College   **April 2021 – April 2025**
Bachelor of Computer Science & Engineering   *Kolkata, West Bengal*

Certifications

Certification	Date
AWS Academy Graduate - AWS Academy Cloud Foundation (**Amazon Web Services**)	**July 2024**
SEO Strategy 2024. SEO training to TOP rank your website! (**Udemy**)	**January 2024**
Accenture Nordics - Developer Job Simulation (**Forage**)	**December 2023**
JPMorgan Chase & Co. - Software Engineering Lite Job Simulation (**Forage)**	**December 2023**
Verizon - Cloud Platform Job Simulation (**Forage**)	**December 2023**
Getting Started with Enterprise Grade AI (**IBM**)	**December 2023**
Getting Started with Enterprise Data Science (**IBM**)	**December 2023**
The Complete 2023 Web Development Bootcamp (**Udemy**)	**November 2023**
Foundational Course in Entrepreneurship (**Wadhwani Foundation**)	**January 2022**