Subhasish Nath

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SUMMARY

Information Technology undergraduate with strong proficiency in Python, C, Java, MySQL, , and Data Structures & Algorithms. Hands-on experience in full-stack web development, machine learning model development, and cloud deployment through IBM SkillsBuild internships, delivering scalable applications using Streamlit, Netlify, Render, Git, and GitHub.

SKILLS

- **Programming Languages :** Python , C , Java
- **Frontend Technologies :** HTML, CSS, JavaScript
- **CS Fundamentals :** Object Oriented Programming, Data Structures & Algorithms , Operating System , DBMS
- **Database :** MySQL , MongoDB
- **Machine Learning :** Model development, evaluation, and deployment workflows
- **Cloud & Deployment Platforms :** Netlify, Vercel, Render, Streamlit ,Git, Github

WORK EXPERIENCE

IBM SkillsBuild 6 Weeks Artificial Intelligence Internship, Edunet   06/2025 – 07/2025   Remote

Acquired a strong foundation in AI concepts, gained hands-on experience in machine learning, model development, and project implementation, and successfully developed a machine learning–based Employee Salary Prediction project, applying theoretical knowledge to a real-world problem.

IBM SkillsBuild 6 Weeks Frontend Web Development Internship, Edunet   08/2025 – 09/2025   Remote

Gained hands-on experience in building responsive web interfaces and developed SpeedMart , an e-commerce web application featuring dynamic product listings, JSON-based data handling, navigation, and cart functionality. The program strengthened practical skills in HTML, CSS, JavaScript, UI/UX principles, and real-world project implementation.

PROJECTS

Employee Salary Prediction Using Machine Learning 🔗

- Developed a machine learning–based project using a real-world dataset from Kaggle, involving data preprocessing, exploratory data analysis (EDA), and regression model training with scikit-learn.
- Trained and evaluated regression models to estimate employee salaries and selected the best model for deployment.
- Integrated the trained model using Joblib and built an interactive Streamlit web application for real-time salary predictions based on user inputs.
- Deployed the application to a cloud platform, enabling accessible and user-friendly prediction functionality.

SpeedMart E-Commerce Web App 🔗

- Designed and developed a full-stack e-commerce web application enabling users to securely register and log in.
- Implemented product browsing and purchasing functionality with an intuitive and responsive user interface.
- Built a complete order management system allowing users to place orders and view detailed order history.
- Integrated authentication and session handling to ensure secure access to user accounts.
- Developed cart and checkout workflows to simulate real-world online shopping behaviour.
- Deployed the application on Netlify frontend and backend on render.

EDUCATION

- **Bachelor of Technology in Information Technology**   2023 – 2027
  MCKV Institute of Engineering - Liluah, West Bengal, India , CGPA - 9.27(till 2nd year)

- **Higher Secondary**   2020 – 2022
  Tapsia Vidyasagar Sikshayatan (H.S) - Tapsia, Jhargram, West Bengal , Percentage - 90%

CERTIFICATIONS

- Web Development Fundamentals - IBM SkillsBuild 🔗
- Artificial Intelligence Fundamentals - IBM SkillsBuild 🔗
- MS Elevate Mirosoft Copilot Certification

LANGUAGES

- **English**
  Professional Working Proficiency
- **Hindi**
  Professional Working Proficiency
- **Bengali**
  Native or Bilingual Proficiency