SAHIN SULTAN
AI ENGINEER & FULL-STACK DEVELOPER

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ABOUT ME

Web Developer & AI Enthusiast specializing in machine learning, cloud-based deployment, and responsive web applications. Experienced in creating functional AI/ML prototypes and full-stack solutions, including deployed platforms with real-user engagement. Certified in IBM AI Fundamentals, AWS Solutions Architecture, and Microsoft technologies. Proficient in Python, HTML, CSS, JavaScript, SQL, and React.js, with expertise in building scalable and efficient backend systems.

CORE COMPETENCIES

Machine Learning • Data Preprocessing • • Data Visualization • Cloud Deployment (AWS, Vercel, Streamlit Cloud) • • Frontend Development (React.js, Next.js) • Backend Development (Node.js, Express.js) • Database Management • Git & Version Control

SKILLS

Programming: C, C++, Python, JavaScript, TypeScript, SQL
Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Design
Backend & Database: Node.js, Express.js, Supabase, Firebase, REST APIs
Machine Learning: Scikit-learn, Pandas, NumPy, PyPDF2, Streamlit
DevOps & Tools: Git, GitHub, Vercel, Streamlit Cloud.

WORK EXPERIENCE

AI/ML Developer Intern — IBM SkillsBuild Program | Remote | Jun 2025 – Jul 2025 Developed and deployed Pay Predictor, a web-based salary prediction platform built with Python, Machine Learning, and Streamlit. The application uses regression algorithms to estimate salaries based on skills, experience, and location, processing and analyzing over 50,000 real-world data points with advanced feature engineering and data preprocessing. Model performance was optimized through hyperparameter tuning, achieving high accuracy, and the tool was made accessible via Streamlit Cloud for real-time, user-friendly interaction.

PROJECTS

- Salary Prediction Platform (Deployed & In Use) | Python, Machine Learning, Streamlit DEMO
- Semester Hub — Academic Notes Platform (Deployed & In Use) | React.js, Firebase, Tailwind CSS DEMO

EDUCATION

Bachelor of Computer Applications — Seacom Skills University | 2023 – 2026
CGPA: 7.32

Higher Secondary — Purandarpur High School (WBCHSE) | 2022 – 2023 | 79.6%

ADDITIONAL SKILLS

Languages: English, Hindi (Professional), Bengali (Native)
Leadership: Project planning and execution, Technical Leadership, Project Management