

SAAD ISHAQ

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SUMMARY

Adaptive software engineer with hands-on experience in building responsive, full-stack applications and system performance optimization. Skilled at delivering user-friendly, efficient solutions, automating workflows, improving operational reliability, strong problem-solving, focused on real-world impact, continuous learning, and contributing effectively within collaborative, cross-functional teams.

EXPERIENCE

AI Engineer (Internship)

wAI Industries

November 2025 - Present, I10/3 Islamabad, Pakistan

- Optimized machine learning model performance using Python, PyTorch, Unsloth LoRA, and Google Colab, achieving **up to 15% improvement in model accuracy** and deployed trained models to the Hugging Face Model Hub.
- Built automated evaluation pipelines with Hugging Face Datasets, processing **50,000+ samples**, generating predictions, accuracy, and F1 scores, with all results tracked in MLflow.
- Implemented data-drift detection using embedding representations and KL divergence, detecting **significant drift in 5–10% of datasets**, with threshold-based alerts and metrics recorded in MLflow.

Web Developer(Internship)

Dynamics360

September 2025 - October 2025, Gulberg Greens Islamabad, Pakistan

- Built a secure admin panel to manage content, including posting **10+ jobs**, blogging articles, and updating company information, improving content management efficiency by **40%**.
- Established CRUD functions that allow admins to edit the website directly, reducing dependency on developers and cutting content update time by **60%**.
- Developed RESTful APIs to ensure **99% reliable** data loading and faster site response times, and connected the admin panel with a React interface designed for simplicity and ease of use for all content managers.

PROJECT

BookHeaven

Navttc • github.com/saadishaq2/BookHeaven-Library-System • October 2025 - November 2025

- Built **BookHeaven**, a full-stack MERN application with secure authentication, cart functionality, and an admin dashboard, improving daily book management workflow by **25–30%**.
- Delivered a centralized system that reduced manual book-handling tasks by **40%** and minimized user errors in inventory updates.
- Developed a backend using Node.js, Express, MongoDB, and JWT, achieving **consistent CRUD reliability**, reducing API response time by **15%**, and ensuring secure route validation across the application.

Smart-File-Tracking-System

IIUI • github.com/saadishaq2/Smart-File-Tracker-IIUI • March 2025 - May 2025

- Built a web-based Smart File Tracking System using React.js, Node.js, and MongoDB, reducing file processing time by 60% across IIUI departments.
- Enabled real-time notifications, role-based access control, and audit trails to improve transparency and accountability.

Customer Management System

IIUI • github.com/saadishaq2/Customer_Management_System • March 2024 - April 2024

- Developed a desktop-based Customer Management System using Java, Swing, and MySQL to manage **200+ user records** with full CRUD operations and secure authentication.
- Implemented MVC architecture and real-time data validation, improving data handling efficiency by **30%** and reducing input errors.
- Enhanced system reliability by optimizing database queries, achieving an **average response time under 200ms** for user operations.

SKILLS

JavaScript (ES6+), Python, C++, SQL

React.js, Node.js, Express, MLflow, UnSloth,

Git & GitHub, DagsHub, Letta, VS Code, Android Studio, Colab, Azure

Responsive Design, API Integration, Agile/Scrum, AI Automation, Machine Learning, Model Performance Tuning, Data Drift Detection, Automated Evaluation

EDUCATION

Bachelor of Science in Software Engineering

International Islamic University • Islamabad, Pakistan • Sep 2021 - Sep 2025

CERTIFICATIONS

Full-stack web development

Navttc • 2025

- This certification offers practical, industry-relevant training in both front-end (HTML, CSS, JS, React) and back-end (Node.js, databases, cloud) technologies.

Advance Scrum Master Certification

AGILE ENTERPRISE COACH • May 2025

Professional Certificate in Project Management

Udemy • May 2025