

SUMMARY

Hi, I'm Shahabaj Khan. I'm a Data Scientist passionate about building efficient, scalable, and user-focused digital solutions. I work with Python, React, NodeJS, and Machine Learning to turn data-driven ideas into real-world applications.

SKILLS

Languages	Python, Javascript, SQL, C++
Libraries & Tools	Pandas, Numpy, Matplotlib, Seaborn, Plotly, Sckitlearn, PyTorch, YOLO, OpenCV, MediaPipe, PyGame, PowerBI
ML	Data Extraction, Data Engineering, Modeling, Regression, Classification, Clustering, Data Visualization, Model Deployment, CNN, Transformers
Web Stacks	Flask, NodeJS, ReactJS, MongoDB, MySQL

EXPERIENCE

Futures Intern, 2025

Data Science Intern

Salary Predictor (Machine Learning Project)

Tools & Technologies: Python, CatBoost, Pandas, Scikit-learn, Matplotlib

- Built a Salary Prediction model to estimate salaries based on experience, education, job role etc.
- Performed data preprocessing (missing values, feature scaling) achieved high predictive accuracy.

Link: https://shahabaj.onrender.com/#/projects/salary_predictor

PROJECTS

Web-based Image Editor with AI powers

Tools & Technologies: YOLO, OpenCV, React, Flask

- It auto detects faces from uploaded image and blur them (used in sensitive images)
- It can blur whole image also & resize them without distortion of ratio

Link: shahabaj.onrender.com/#/projects/image_editor

Stone-Paper-Scissor Game using Hand Gesture Recognition

Tools & Technologies: Python, OpenCV, Mediapipe, NumPy

- Built an interactive Stone-Paper-Scissor game controlled by hand gestures using Mediapipe for real-time detection.
- Implemented gesture recognition and game logic for automatic move identification and scoring.
- Processed video frames with OpenCV/NumPy for smooth tracking and real-time feedback.

Link: shahabaj.onrender.com/#/projects/stone_paper_scissor

AI Chat Bot

Tools & Technologies: Python, Groq API, LangChain, React

- Developed an AI chatbot using Groq API for real-time query handling.
- Implemented LangChain for managing conversation flow.

EDUCATION

Lovely Professional University | 2025-2026

Masters of Computer Applications (MCA)

AI/ML specialization

CERTIFICATES

- Deep Learning by Simplilearn
- Getting Started with Machine Learning Algorithms
- Full Stack Web Development Bootcamp
- Power BI for Beginners

LINKS

github.com/meShahabaj

kaggle.com/shahabaj11

youtube.com/channel/UCiNSEa7oKPMpgaqVWgs353A/