

SHUBHAM JHA

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EDUCATION

Symbiosis Institute of Technology

Master of Technology - Robotics And Automation

Pune, India

2021-2023

Pandit Deendayal Petroleum University

Bachelor of Technology: Industrial Engineering

Gandhinagar, India

2016-2020

SKILLS SUMMARY

- **Languages:** Python, SQL
- **Frameworks:** UiPath
- **Tools:** UiPath Orchestrator, MySQL, Arduino IDE
- **Concepts:** RPA Development, Machine Learning, Computer Vision, OCR Technology
- **Databases:** MySQL
- **Specializations:** Process Automation, Document Processing, Real-time Monitoring
- **Soft Skills:** Leadership, Communication, Problem-Solving, Team Collaboration, Technical Documentation

CERTIFICATIONS

AI Tools and ChatGPT Workshop

be10x | June 14, 2025

- Gained hands-on expertise in creating presentations using AI in under 5 minutes
- Performed data analysis using AI in under 30 minutes
- Developed and debugged code using AI tools in under 10 minutes

EXPERIENCE

BeFree Global

2023-Present

Robotic Process Automation (RPA) Developer

- Automated bank transaction processes to streamline operations using **Python & SQL**, resulting in a **40%** reduction in processing time and improved accuracy.
- Developed OCR-based solutions using Tesseract to extract data from large PDFs, minimizing manual effort by over **80%** and ensuring data consistency.
- Integrated **UiPath Orchestrator** for bot scheduling & real-time monitoring, achieving a **95%** automation success rate with comprehensive dashboard reporting.
- Created comprehensive technical documentation (**PDDs & SDDs**) for streamlined knowledge transfer and regulatory compliance requirements.
- Built RPA solutions to extract data from portals, compare with master sheets, and automate document retrieval, renaming, and organization workflows.

CEAT Tyres

2022-2023

Intern - Quality Basic Management Department

- Assisted in quality management processes and conducted comprehensive efficiency audits for production systems, identifying key improvement areas.
- Analyzed production data using statistical methods to identify bottlenecks and recommend data-driven process improvements.

PROJECTS

RPA & Automation

- Weather-Based Clothing Guide Bot – Designed an RPA bot for personalized recommendations.
- Invoice Data Extraction and Email Automation-Extracting key details from invoice PDFs, updating an Excel tracker, and sending confirmation emails to vendors.

Database Management & Optimization

- Employee Management System – Designed a MySQL database to manage employees, payroll, attendance, and departments with optimized queries for data analysis.
- Library Books – Developed a MySQL database system to manage book records, borrowers, and lending history with efficient query handling.

Machine Learning & Computer Vision

- Car Price Prediction Model- A machine learning project using Linear Regression to predict car prices.
- Smart Detection of Ambulances in Traffic – Developed a vision-based system using OpenCV & TensorFlow for emergency response.
- Vehicle Collision Detection – Built an image processing model to enhance road safety.
- Face Detection Attendance System – Automated real-time attendance tracking using facial recognition.