JATIN JHA

+91 9650176982 • jatinjha83@gmail.com • jatin0jha.github.io
A-93/5 Chattarpur Extension, New Delhi - 110074, India

PROFESSIONAL SUMMARY

Results-driven Software Developer with experience in full-stack development and machine learning. Proficient in JavaScript, Python, C++, Angular, and ASP.NET. Adept at creating optimized and efficient solutions for web and AI-based applications. Strong background in data analysis and project management with a passion for innovation and problem-solving.

SKILLS

- **Programming Languages:** JavaScript, Python, C++
- **Frameworks & Libraries:** Angular, ASP.NET
- **Tools & Technologies:** Power BI, MSSQL, Chart.js, Saur Image Processing
- **Machine Learning:** Python, ResNet, CNN, Linear Regression

---

PROFESSIONAL EXPERIENCE

Business Analyst Intern
McDermott International, Ltd
Feb 2024 - Aug 2024

- Developed a tool to replace TCS's CMDB, increasing system efficiency by 28% and reducing operational costs by 18%.
- Collaborated with cross-functional teams to integrate Angular and ASP.NET for a streamlined data management process.
- Utilized MSSQL and Power BI to provide actionable insights and reporting solutions.

AIML Intern
IBM Corporation
July 2023 - Aug 2023

- Built an AI application to detect mood using camera input, leveraging Linear Regression and Convolutional Neural Networks (CNN).
- Improved accuracy and efficiency by integrating Python and ResNet models, leading to a 15% enhancement in mood detection accuracy.

PROJECTS

Text-to-Image Generation Model
Created a compact version of Stable Diffusion optimized for single-board computers, reducing power requirements to 1 core and 250 MB RAM.
Technologies: Python, Stable Diffusion, HappyFace, VAE

Period Prediction Website
Developed a secure, static-deployed period prediction website utilizing JavaScript and local storage for data privacy.
Technologies: Vanilla.js, Chart.js

EDUCATION

Bachelor of Technology in Computer Science
Galgotias University
2021 - 2024

High School
Kendriya Vidyalaya
2018

Diploma
Pusa Institute of Technology
2018 - 2021