



JAGRUT JOSHI

AI & Software Developer

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GitHub: github.com/Jags-08

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Pune, India

About Me

Aspiring Software Developer and AI Engineer with hands-on experience in building real-world AI systems using machine learning, computer vision, and full-stack technologies. Strong in Python, system design, and scalable solutions.

Skills

- **Languages:** Python, JavaScript, SQL
- **Frameworks & Tools:** Flask, Git, GitHub
- **AI/ML:** Machine Learning, Natural Language Processing (NLP), Computer Vision
- **WEB DEVELOPMENT:** HTML, CSS, JAVASCRIPT
- **Core CS:** Data Structures, Algorithms, System Design

Certifications

Data Mining in Python

University of Michigan

Technology Commercialization, Part 1: Setting up your Idea Filtering System

University of Rochester

Python for Data Visualization:

Matplotlib & Seaborn

Coursera

Machine Learning Pipelines with Azure ML Studio

Coursera

Languages

- English
- Hindi
- Marathi
- Kannada

Projects

NeuroWell AI

AI Mental Wellness Assistant

github.com/Jags-08/NeuroWell-AI

- Built an NLP-based system to detect emotional patterns with ~85% accuracy and deliver context-aware responses
- Designed a privacy-focused, scalable backend handling 100+ user interactions

Tech: Python, NLP, Flask

SafeNet AI

Smart Safety & Monitoring System

github.com/Jags-08/SafeNet-AI

- Developed a real-time threat detection system using computer vision with ~88% accuracy
- Implemented automated alerts, reducing manual monitoring by ~60% and achieving ~20 FPS processing

Tech: Python, OpenCV, Machine Learning

NeuroVision

AI Visual Intelligence System

github.com/Jags-08/NeuroVision-AI

- Engineered a real-time object detection system with ~90% accuracy and ~25 FPS performance
- Built a scalable architecture for advanced visual data analysis and AI integration

Tech: Python, OpenCV, Deep Learning

Experience

Technical Intern – IT & Digital Systems

May 2025 – July 2025

Global English School

Mumbai, India

- Managed and optimized school digital systems including ERP, website updates, and data workflows, improving overall efficiency
- Developed digital forms and automated processes, reducing manual administrative workload
- Designed certificates, ID templates, and provided technical support to enhance system usability

Education

B.Tech in Computer Science Engineering (CSE)

2024 – 2028

DY Patil International University

Currently pursuing a degree in Computer Science Engineering with a focus on artificial intelligence, software development, and real-world problem solving. Actively building projects and gaining hands-on experience in machine learning, full-stack development, and system design.

Interests

- Artificial Intelligence & Machine Learning
- Building Scalable Software Solutions