

# Anuj Wadi

+1(707) 977-0567 | awadi@asu.edu | linkedin.com/in/anujwadi | github.com/AnujWadi-Git | anujwadi.com

## EDUCATION

<b>Master of Science, Robotics and Autonomous Systems (AI)</b> Arizona State University	Aug 2024 – May 2026
<b>Bachelor of Technology, Artificial Intelligence</b> G.H. Rasoni Institute of Engineering and Technology	Aug 2020 – Jun 2024

## TECHNICAL SKILLS

<b>Languages</b>	Python, SQL, MATLAB, R, JavaScript, TypeScript, C++
<b>AI Systems &amp; Agents</b>	LLM applications, RAG pipelines, prompt engineering, fine-tuning (LoRA/PEFT), multi-modal AI, quantitative modeling
<b>Fullstack</b>	FastAPI, Node.js, REST APIs, React, production deployment, user-facing applications
<b>Data &amp; Infrastructure</b>	MongoDB, Redis, Apache Kafka, data engineering, large-scale & multimodal datasets
<b>Cloud &amp; MLOps</b>	Docker, Kubernetes, AWS, GCP, CI/CD (Jenkins), Git, Unix/Linux
<b>AI/ML Frameworks</b>	PyTorch, TensorFlow, Scikit-learn, OpenCV

## PROFESSIONAL EXPERIENCE

**AI Full Stack Engineer** Jan 2024 – Jun 2024  
*PrimaThink Technologies Limited*

- Architected an AI-assisted Blood Bank Management System using JavaScript, PHP, MongoDB, and REST APIs with RFID-based tracking across **3 hospital workflows**.
- Optimized database queries and backend automation processes, achieving a **46%** increase in system efficiency and reducing manual processing time by **30%**.
- Spearheaded CI/CD pipelines with automated Jest testing, achieving **85%+** test coverage and slashing debugging time by **75%**.

**Software Engineering Intern** Mar 2022 – Jun 2023  
*JPMorgan Chase & Co.*

- Constructed a real-time data pipeline using Python, Kafka, Pandas, and Scikit-learn, sustaining **10,000+ events/sec** with sub-100ms latency.
- Accelerated **5 ML pipeline** prototypes to production, cutting deployment time by **35%** and rollback incidents by **20%**.
- Containerized applications via Docker, Kubernetes, and Jenkins, reducing infrastructure setup time by **51%** across **4 microservices**.

**Machine Learning Intern** Nov 2021 – Dec 2021  
*Tech Learn. Live*

- Designed and delivered **6 ML workshops** using Python, TensorFlow, and PyTorch, training **530+ students** across **4 institutions**.
- Produced an AI/ML curriculum covering data preprocessing, neural networks, and model evaluation, adopted by **3 university programs**.
- Designed and executed AI outreach campaigns, extending reach to over **1,000 students** and elevating event participation by **40%** using data-driven engagement strategies.

## PROJECTS

**Multimodal AI Agent Runtime** Jan 2026 – Present

- Launched a public-facing conversational AI platform with real-time speech I/O and avatar responses for **10,000+ users**.
- Integrated LLM APIs, speech recognition, and text-to-speech into a unified FastAPI backend, reducing response latency by **40%**.

**Harmony – Mental Health Monitoring System for Astronauts** Aug 2025 – Dec 2025

- Directed a team of 5, building a multimodal wellness platform with LSTM/BERT NLP pipelines, achieving **87% accuracy** in distress detection.
- Delivered HIPAA-compliant infrastructure using Python and TensorFlow, cutting data processing time by **35%** for remote workforce deployment.

**Maze Navigation with MyCobot Pro 600** Aug 2024 – Dec 2024

- Engineered an autonomous navigation system using ROS, OpenCV, and inverse kinematics; achieved **92% success rate** and **78% collision reduction**.
- Deployed a Gazebo-based simulation environment, eliminating hardware dependency and accelerating iteration cycles by **3x**.