ASHWIN RAJAN

CLOUD & AI TECH ENTHUSIAST

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SUMMARY

I am skilled in AI/ML (TensorFlow, NLP), Cloud (AWS, Azure), and Automation (CI/CD, Python). Developed intelligent systems like emotion recognition AI and automated cloud deployment solutions. Passionate about building scalable applications through innovative problem-solving. Strong collaborator with hands-on experience in full project lifecycles from concept to deployment.

TECHNICAL SKILLS

- SQL
- Technical interview
- Python
- JAVA
- AI Model development
- Virtualization technologies
- Version control systems
- C++

PROJECTS

Emotion Recognition

- Developed a CNN-based emotion recognition system using TensorFlow and OpenCV that classifies images as happy or sad, demonstrating proficiency in deep learning and computer vision for applications in psychology and human-computer interaction.

Speech Recognition

- Designed and optimised a robotic control system, realizing a 12% performance improvement.
- Coordinated testing and validation, ensuring compliance with industry standards.
- Provided technical expertise, contributing to a 15% reduction in system failures.

EDUCATION

SCHOOL

- Kongu Vellalar Matriculation Higher Secondary School , 12th Grade, PCM

Bachelor of Technology

- Specialized coursework: Cloud Architecture (AWS/Azure), DevOps, CI/CD Pipelines, AI/ML Fundamentals
- Key Projects: Automated deployment system using Docker/Kubernetes, Cloud-based AI model serving
- Relevant Skills: Python, Terraform, Jenkins, Serverless Computing, Infrastructure as Code (IaC)

ADDITIONAL INFORMATION

- **Languages:** English, Tamil , Hindi.
- **Certifications:** Applied Machine Learning in Python , Advanced SQL for technical interviews.