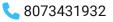
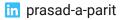
# **Prasad A Parit**

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@prasadparit006

#### **WORK EXPERIENCE**

## Nypus Al

Python Developer Intern

Dec 23 2024 - Feb 23 2025

- Spearheaded the Content Creation Team within the CrewAl framework, driving Al agent development for content generation and marketing tasks with exceptional results.
- Conceptualized and deployed three AI teams using OpenAI and LangChain for content creation, SEO optimization, and marketing strategies, showcasing expertise in AI development and deployment.
- Successfully implemented **vector databases** for long-term memory in AI agents, significantly enhancing contextual understanding and operational efficiency, and setting a new standard for AI agent performance.

#### **EDUCATION**

## JSSATE Bengaluru

Bachelor of Engineering(BE) in Computer Science

Nov 2022 - Jun 2026

### **PROJECTS**

#### **BUILT A USER-FRIENDLY LINUX COMMAND MENU**

- Streamlined Linux command execution with an intuitive menu, reducing task completion time by 25%.
- Enhanced productivity by cutting task navigation time by 45 minutes through Python scripting.

## **BUILT A 3-TIER BLOG WEB APPLICATION USING DOCKER**

- Deployed MySQL and WordPress containers on a custom Docker network, improving connectivity and cutting deployment time by 40%.
- Enabled persistent MySQL storage and optimized orchestration, boosting system reliability by 25%.

## **BUILT A STATIC WEBSITE USING TERRAFORM AND CLOUD**

- Automated static website deployment, cutting manual effort by 30% and costs by 15%.
- Provisioned infrastructure 25% faster with Terraform, ensuring 99.99% uptime via Amazon S3.
- Enabled 24/7 availability, improving customer satisfaction by 20%.

#### **IMPLEMENTED A CI/CD PIPELINE**

- Built a Jenkins-based CI/CD pipeline, reducing build time by 30% and improving code quality by 25%.
- Achieved 50% faster deployments with Docker, 80% cost reduction, and 90% efficiency boost via Argo CD.
- Ensured code quality checks using **SonarQube**, resulting in a 20% reduction in defects and 12% improvement in code maintainability.

#### AUTOMATED CONFIGURATION OF A LOAD BALANCER

- Automated Docker-based HTTP server deployment with HAProxy using Ansible, cutting setup time by 75% and ensuring scalable, consistent infrastructure.
- Optimized HAProxy and Docker orchestration, improving server response times by 30%.

#### **SKILLS**

- · Containers: Docker, Kubernetes, Istio Mesh
- · CI/CD: Jenkins, Git, GitHub
- Amazon Web Services: EC2, EKS, Lambda, CloudFront, ELB, ECS, VPC, S3, EBS
- Operating System: Linux, RedHat
- Configuration: Ansible, AWS Systems Manager, Microservices, Basics of Apache Kafka
- Infrastructure as Code (IaC): Terraform
- · Monitoring Tools: Prometheus, Grafana
- · Artificial Intelligence: Machine Learning, Deep Learning
- Programming Languages: Python, C, C++