Ramakanth Seshabhtattar

📞 +91 8367498911 ✉ ramakanthseshabhattar@gmail.com in svnramakanth ⊙ Ramakanth001

Experience

Oracle India   **August 2023 – Present**
Associate Application Developer   *Hyderabad — Hybrid*

- **Automated manual** operational tasks using Python utilities, reducing manual effort by 50% across global teams.
- **Refactored legacy code** in python and improved component performance by up to **40%**, while ensuring clean and maintainable coding practices.
- Investigated and resolved high-priority **production outages** within SLA's, identified **Root Causes**, actively contributed to on-call rotations, and improved system uptime to 99.95%
- Built a tool to **optimize backend performance** for customers via indexing, SQL plan **tuning**, and automated execution on Oracle Databases
- Designed and built an **ETL** tool to analyze and monitor Elasticsearch cluster health, improving alert investigation efficiency by **90%** across all production partitions.
- Developed a feature to generate **monthly reports** on customer **server and database utilization**, providing actionable insights to implementation teams and reducing resource bottlenecks through **data-driven decision-making**.
- Worked on multiple deployments, patching and upgrade activities for high profile **Enterprise SaaS** customers

Oracle India   **Jan 2023 – July 2023**
SDE Intern   *Hyderabad — Remote*

- Designed multiple **Grafana** dashboards to monitor customer batches, streams, web traffic, and storage utilization, enabling real-time insights for SRE teams.
- Developed a **Kafka diagnostics tool** in Python to identify issues with brokers, partition distribution, and consumer delays, cutting troubleshooting time by **50%** for the businesslogs component.
- Contributed to an **AI-driven solution recommendation system** that analyzes engineering issues and suggests workarounds using internal Knowledge base, reducing manual triage and accelerating incident resolution.

Technical Skills

Languages: Python, C++, HTML, CSS, SQL
Databases: Oracle, MySQL
Observability Tools: Grafana, Prometheus, Jaeger tracing, ELK stack, PagerDuty
Technologies/Frameworks: Kubernetes, Docker, Oracle Cloud, Linux, CI/CD, GitLab, Ansible, Streamlit

Projects

Transcriber — GitHub
- A Python-based AI tool built using OpenAI's Whisper model for high-accuracy speech-to-text transcription.
- Reduced transcription time by over 80%, significantly improving processing efficiency.
- Enabled cross-language translation for multilingual transcription support.

JoinUs — GitHub
- A subscription platform built to enable communities and creators to engage audiences through personalized email campaigns
- Built using Node.js, Express.js, MySQL2, EJS and integrated **TinyMCE** for a dynamic rich text editor experience.
- Delivered a scalable and flexible system enabling real-time communication and content customization.

Achievements

- Received two **Spot Awards** for impactful contributions to project milestones and overall success.
- **Mentored** five new joiners, enabling them to become independent and effective contributors to the team.
- Published comprehensive **documentations** on tools and processes I developed, significantly reducing team dependency and enabling smoother knowledge transfer.
- **Oracle Certified AI Foundations Associate and GenAI Professional.**

Education

Vasavi College of Engineering   **July 2019 - May 2023**
Bachelor of Engineering in Computer Science — 8.7 CGPA   *Hyderabad, Telangana*