

SOHAIL SHAIK

s.suhail9849@gmail.com — [Linkedin](#) — [Github](#) — +91 9642639515

EXPERIENCE

OmniqAI - *Software Development Engineer (SDE)*

January 2025 – Present

- Led migration from on-premises infrastructure to a Kubernetes-based cloud environment—containerizing workloads, provisioning VPC-secured clusters, and automating Helm-based deployments.
- Designed backend systems combining retrieval-augmented generation (RAG), memory layers, and knowledge graphs for high-fidelity document understanding and decision support.
- Built autonomous AI agents for technical interviews—enabling resume parsing, behavioral scoring, and code analysis with contextual memory and multi-step reasoning.
- Architected semantic knowledge pipelines and scalable vector search infrastructure for real-time information retrieval and consistent agent behavior.
- Strengthened runtime and infrastructure security across workloads, integrating anomaly detection, VM monitoring, and secure service layers.
- Drove DevOps automation with GitOps workflows, fast rollback mechanisms, and observability enhancements—cutting release cycles by 40% and improving reliability.
- Developed internal operational tools and dashboards powered by modular APIs and infrastructure-as-code, ensuring repeatable deployments.
- Optimized container orchestration and CI/CD pipelines, reducing cloud costs by 20% while improving deployment resilience.

OmniqAI - *SDE Intern*

August 2024 – December 2024

- Developed and maintained backend services using Python building APIs for projects.
- Implemented monitoring and alerting pipelines using Grafana, Prometheus, and Alertmanager, reducing incident response times by 30%.

SKILLS

Programming Languages: TypeScript, C++, Python

Frontend Development: ReactJS, JavaScript

Backend Development: Node.js, Prisma, PostgreSQL, MongoDB, Redis, RabbitMQ, MinIO

Tools: Postman, Git, MCP, LLM

Core Competencies: Problem-Solving, Agile Collaboration

PROJECTS

- **Docker Deployment Automation with MCP** [\(Live\)](#)
 - Developed a web-based interface using React to interact with the Docker SDK, enabling users to manage containers, images, volumes, and networks.
 - Integrated backend logic handling user requests, Docker API calls, and business workflows for comprehensive container management.
 - Implemented features for container deployment, scaling, monitoring, and logging, reducing manual intervention by 40%.
 - Utilized Docker SDK for automation, cutting container management time by 50%.
 - A DevOps tool leveraging LLMs and Model Context Protocol to automate container operations with real-time analytics.

- Eliminated the need to memorize Docker commands and CLI monitoring through an intuitive UI.

Technologies: TypeScript, React, MCP, LLM, Dockerode, Node

EDUCATION

- **Bachelor of Technology** 2019 - 2022
- Brindavan Institute Of Technology And Science

ACHIEVEMENTS

- SAP Hackfest 2024: Top 4 out of 30+ teams (SAP India)
- Flipkart Robotics Challenge: Finalist for advanced vision-based quality inspection system