

# ABHISHEK DAGAR

Software Developer | Data & DevOps Engineer | ETL & Cloud Enthusiast

☎ +91 9354382500 ✉ [abhidagar024](mailto:abhidagar024) [in abhishek](https://www.linkedin.com/in/abhishek) [gh abhidagar](https://github.com/abhidagar)

## Experience

### Associate Software Engineer

Jan 2025 - Present

Nagarro

Gurugram, Haryana

- Automated weekly performance reporting in **Snowflake** using time-travel and offset SQL logic, reducing manual Excel work by **90%** and delivering faster KPI insights.
- Developed a scalable **CTE-based KPI calculation layer** across multiple data sources, improving dashboard load speed and reporting accuracy by **35%**.
- Enhanced ETL pipelines using **Python** with automated logging and error-handling, reducing failure incidents by **28%** and saving 20+ engineering hours per release.
- Created **Power BI** and **Tableau** dashboards to visualize key business metrics, reducing manual reporting requests from stakeholders by **50%**.
- Built a Flask-based web application using **SQLite** and **SQLAlchemy ORM**, improving feature development efficiency by **25%** through modular MVC design.
- Implemented **CI/CD** for a Java Maven project using **Azure DevOps**, GitHub Actions and **SonarQube**, cutting manual deployment effort by **70%**.
- Containerized microservices and deployed them to **AWS EC2** via automated CD pipelines, increasing release reliability and frequency.
- Provisioned a **Kubernetes** cluster and deployed services using **Helm charts** and manifests to support scalable application workloads.
- Integrated **Prometheus-Grafana** monitoring to track cluster and application metrics, reducing mean time to detect issues (MTTD) by **35%**.

## Projects

### End-to-End Kubernetes-Based Deployment and Monitoring

Nagarro

Feb 2025 - May 2025

- Designed and deployed a full CI/CD pipeline to automate build, test, Docker image creation, and Helm-based deployments, reducing release effort and manual intervention by 50%.
- Architected and implemented Kubernetes resources including **Deployments**, **Services**, **PV/PVC**, **ConfigMaps**, and **Secrets** to host scalable and production-ready microservices.
- Set up a centralized monitoring stack using **Prometheus** for metrics scraping and **Grafana** for visualization, enabling real-time observability of Kubernetes workloads and system performance.
- Automated provisioning of the complete monitoring stack using **Helm**, ensuring fully reproducible infra deployments across environments without manual steps.

### JustEat

[gh abhidagar](https://github.com/abhidagar)

Jun 2025 - July 2025

- Developed a full-stack food ordering application using **Flask**, **SQLite**, **SQLAlchemy**, and **Jinja2**, following MVC architecture to improve codebase modularity and maintainability.
- Implemented secure role-based authentication with encrypted credentials, enhancing authorization and security across customer and admin roles.
- Built a responsive and mobile-friendly UI using **HTML**, **CSS**, and **Bootstrap**, resulting in a 40% improvement in user interaction and session time.
- Wrote unit tests for backend modules, increasing code reliability and achieving **78%** code coverage, ensuring consistent performance across releases.

## Technical Skills

**Programming Languages:** C, C++, Python, JavaScript, TypeScript, SQL

**DevOps Technologies:** AWS, Docker, Kubernetes, Terraform, Ansible, Jenkins, GitHub Actions, SonarQube

**Web Technologies:** Tailwind, MySQL, Flask, Jinja2, CSS3, HTML5, Web API, MVC, Bootstrap

**Tools and Platforms:** Azure DevOps, GitHub, AWS CLI, Kubectl, Terraform, PowerBI, Tableau, Big Data

## Education

USICT, Guru Gobind Singh Indraprastha University

Nov 2021 – July 2025

B. Tech in Computer Science and Engineering CGPA:8.66

Delhi, India