

# ABHISHEK DAGAR

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

📞 +91 9354382500 📩 abhidagar024 💬 abhishek 💬 abhidagar

## Experience

Associate Software Engineer	Jan 2025 - Present
<i>Nagarro</i>	<i>Gurugram, Haryana</i>
<ul style="list-style-type: none"><li>Automated weekly performance reporting in <b>Snowflake</b> using time-travel and offset SQL logic, reducing manual Excel work by <b>90%</b> and delivering faster KPI insights.</li><li>Developed a scalable <b>CTE-based KPI calculation layer</b> across multiple data sources, improving dashboard load speed and reporting accuracy by <b>35%</b>.</li><li>Enhanced ETL pipelines using <b>Python</b> with automated logging and error-handling, reducing failure incidents by <b>28%</b> and saving 20+ engineering hours per release.</li><li>Created <b>Power BI</b> and <b>Tableau</b> dashboards to visualize key business metrics, reducing manual reporting requests from stakeholders by <b>50%</b>.</li><li>Built a Flask-based web application using <b>SQLite</b> and <b>SQLAlchemy ORM</b>, improving feature development efficiency by <b>25%</b> through modular MVC design.</li><li>Implemented <b>CI/CD</b> for a Java Maven project using <b>Azure DevOps</b>, GitHub Actions and <b>SonarQube</b>, cutting manual deployment effort by <b>70%</b>.</li><li>Containerized microservices and deployed them to <b>AWS EC2</b> via automated CD pipelines, increasing release reliability and frequency.</li><li>Provisioned a <b>Kubernetes</b> cluster and deployed services using <b>Helm charts</b> and manifests to support scalable application workloads.</li><li>Integrated <b>Prometheus–Grafana</b> monitoring to track cluster and application metrics, reducing mean time to detect issues (MTTD) by <b>35%</b>.</li></ul>	

## Projects

End-to-End Kubernetes-Based Deployment and Monitoring	Nagarro
<i>Feb 2025 - May 2025</i>	
<ul style="list-style-type: none"><li>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%.</li><li>Architected and implemented Kubernetes resources including <b>Deployments</b>, <b>Services</b>, <b>PV/PVC</b>, <b>ConfigMaps</b>, and <b>Secrets</b> to host scalable and production-ready microservices.</li><li>Set up a centralized monitoring stack using <b>Prometheus</b> for metrics scraping and <b>Grafana</b> for visualization, enabling real-time observability of Kubernetes workloads and system performance.</li><li>Automated provisioning of the complete monitoring stack using <b>Helm</b>, ensuring fully reproducible infra deployments across environments without manual steps.</li></ul>	

## JustEat

👤 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

*B. Tech in Computer Science and Engineering CGPA:8.66*

*Nov 2021 – July 2025*

*Delhi, India*