

ABHISHEK DAGAR

Full S Software Developer | Inovative Problem Solver | Passionate About Machine Learning

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Education

USICT, Guru Gobind Singh Indraprastha University

Nov 2021 – July 2025

B. Tech in Computer Science and Engineering CGPA:8.66

Delhi, India

Experience

Associate Software Engineer

July 2025 - Present

Nagarro

Gurugram, Haryana

- Assist in maintaining and optimizing ETL pipelines using Python.
- Write scripts to extract data, Transform raw data into clean, structured formats for analysis and reporting.
- Monitor, test, and troubleshoot ETL workflows. maintain documentation of data flow and transformation logic.
- Maintain documentation of data flow and transformation logic.

Associate Software Engineer (Trainee)

Feb 2025 - July 2025

Nagarro Software private Limited

Gurugram, Haryana

- Developed using Python and the Flask framework, with SQLite as the database, SQLAlchemy as the ORM, and Flask-Migrate for database migrations. Utilized Jinja2 for server-side templating.
- Built and automated a CI/CD pipeline for a Java Maven web app using Azure DevOps & GitHub Actions, Integrated SonarQube with quality gates for static code analysis.
- Created Dockerfiles, built images, and deployed containers on AWS EC2 via automated CD pipelines.
- Provisioned a self-hosted Kubernetes cluster and deployed apps using manifests, Helm charts, and persistent storage.
- Implemented Prometheus-Grafana stack for cluster and application monitoring.

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

Projects

End-to-End Kubernetes-Based Deployment and Monitoring

Nagarro

Feb 2025 - May 2025

- Provisioned a **self-hosted Kubernetes cluster** using VirtualBox and CentOS-based VMs. Designed and deployed Kubernetes manifests using Deployments, Services, Persistent Volumes, and PVCs
- Implemented a **full CI/CD pipeline** to automate build, test, Docker image creation, and Helm-based deployment on Kubernetes.
- Set up a **Prometheus-Grafana monitoring stack** to monitor Kubernetes cluster metrics and application health. **Developed a Monitoring Pipeline** to automate the deployment and configuration of Prometheus and Grafana using Helm

JustEat

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

Jun 2025 - July 2025

- Developed using Python and the **Flask framework**, with **SQLite** as the database, **SQLAlchemy** as the ORM, and Flask-Migrate for database migrations. Utilized **Jinja2** for server-side templating.
- Designed the frontend with **HTML, CSS, and Bootstrap** for responsive and user-friendly interfaces.
- Followed the **MVC architecture**, implemented **role-based authentication** and also enabled unit testing for code quality

Achievements and Responsibility

- **President, Student Council, GGSIPU** (2024-2025), contributing to campus **leadership** and student advocacy.
- **Sports president, Sports Council, GGSIPU** (2023-2024), demonstrating strong leadership and **effective communication**.
- Won **Silver Medal** in (National) All India Universities Games-Tug of War, held at Jaipur