

Jatin Jangir

Software Developer and DevOps Engineer
Indian Institute Of Technology, Kanpur
leetcode: jangirjs
personal-website

+91-8094234071
jatinjangir0220@gmail.com
jatinj24@iitk.ac.in
Github: jatin-jangir
linkedin: jatin-jangir

EDUCATION

| Degree | Institute | CGPA | Year |
|---------------|--|----------------|--------------|
| M.Tech. (CSE) | Indian Institute of Technology, Kanpur | 8.85 (Current) | 2024-Present |
| B.Tech. (CSE) | RCOEM, Nagpur | 9.00 | 2019-2023 |

EXPERIENCE

- Devtron** Jan 2023 - July 2024
DevOps Engineer Gurugram
 - **Removed the dependencies on namespaces in installation**
 - Improved the CI-CD flow with help **Github actions**
 - Directly work with clients to resolve their issues in kubernetes
 - Consult clients for implementing and upgrading their Kubernetes cluster on EKS, AKS.
 - **Reduced the size of Docker Image by 25%(approx)** for the various microservices .
 - **Upgraded AKS and EKS clusters** to newer kubernetes versions.
 - Setup **Log-Monitoring** system for reducing 4xx and 5xx errors.
 - Improved the **migration process of SQL files** in database
 - Create **kubernetes** cluster on raspberry Pi
 - Improved the **helm chart** for integrating different tools and Kubernetes resources.
 - Added **Opensource contribution in MicroK8s** for integration devtron.
- PrimaThink Technologies Pvt.Ltd** Sept 2021 - Nov 2021
Web Developer Intern Remote

PROJECTS

- Gideon** Jan - * 2025
Technology: C, Cuda, Nvidia-Driver, Linux, Criu, Containers Github
 - The project investigates CRIUgpu, a plugin-based extension for CRIU that leverages NVIDIA's driver-level features to capture and restore GPU state efficiently. Doc-Link
- Drax** July - * 2025
Technology: react-js, Go, Prometheus, alert manager, Kubernetes Github
 - Dashboard for pipelining alerts for better monitoring.
 - Ease the accountability for alerts by creating tasks and scripts for each alerts.
- Miss-Minutes** July - * 2025
Technology: react-js, python Github
 - Money management game that have AI competitor.
 - User will experience the real stock market as game where he can compete with friends and ai-bot.
- Log-minder** Sept - Nov 2024
Technology: Python, ML, Kubernetes, Docker and Postgres. Github
 - Logminder monitors log files from Kubernetes pods,
 - Extracts important metrics related to log errors.
 - Identifying anomalies and tracking key events within the Kubernetes environment. Doc-Link
- Namespace-crawler** Aug 2024
Technology: Kubernetes, Docker and Golang. Github
 - It is designed to **replicate Objects across specified namespaces**
 - Handle creation, deletion and updates of Objects on Diff.
- Play 2048 game with AI** May 2023
Hill-Climbing, Evaluating Function Github
- Dynamic Audience Reaction Prediction Application (DARPAN)** Sept - Dec 2022
Technology: Python, YouTube API, HTML and CSS. Github
 - Predicting the audience reaction on a particular video topic on YouTube
 - Developing a better algorithm for relevant search results on YouTube.
- Big Data Analysis on Epidemic Data (Machine Learning on COVID-19)** Jan - May '2022
Technology: Python, PySpark, Fbprophet, PHP, HTML and CSS. Research Paper Certificate
 - Using ML Algorithm on historic data of COVID we can predict outcomes in particular area.
 - These demo-graphical information is showed on web-page using PHP.

KEY COURSES TAKEN

- Data Structure, Algorithms, DBMS, Data Mining, Introduction to ML, Big Data, Cloud Computing, Programming for Performance, Parallel Algorithms, Web Services, Operating System, Compiler design,.

TECHNICAL SKILLS

- **Programming:** Bash, C/C++, Python, Go, JavaScript, SQL
- **Tools & OS:** Git, Linux, Docker, Kubernetes, Helm, Git, github-actions, Postgres, MicroK8s, CUDA, intel Vector Intrinsics
- **Cloud Skills:** AWS [s3, EKS, Athena, VPC, IAM, EC2, Lamda, etc.], GCP [GKE, SA, etc.], Azure [AKS, blob-storage, Azure-devops, etc.]

POSITIONS OF RESPONSIBILITY

- **Teachers Assistant** for course "Into to ML" CS771, "Randomized Algorithm" CS648. CSE, IIT Kanpur
- **Company Placement Coordinator**, Student Placement Office, IIT Kanpur
- **Orientation Team Member** ICS, IIT Kanpur

ACHIEVEMENTS

- **GATE AIR 236 in 2024** and AIR 1766 in 2022.
- **Finalist** in Smart India Hackathon. Selected among 2 lakh+ students from more than 2,000 institutions participated
- **College Technical Cup 2022** 1st rank in Technical Round.
- **2nd position in College Table-Tennis Tournament 2019**

CERTIFICATIONS

- **AWS Academy Graduate** [Digital-badge-link](#) and [certificate-link](#)
 - **CKAD - Linux Foundation** Credential-ID:"LF-qmi65r51yc" [certificate-link](#)
 - **CKA - Linux Foundation** Credential-ID:"LF-zrrf01xc9i" [certificate-link](#)
 - **Cisco - Cybersecurity Essentials** [Badge-link](#)
-