

Abhinav Kumar

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SKILLS

- **Languages:** C++, Java, Python, **SQL**, JavaScript, PHP, Golang
- **Frameworks:** HTML and CSS, Tailwind, NodeJS, React, Angular
- **Tools/Platforms:** MySQL, MongoDB, **Git**, **AWS**, **DevOps(Jenkins, Docker)**, **Linux**, Power BI, AutoCAD, AI tools
- **Soft Skills:** Problem-Solving Skills, Team Player, **Public Speaker**

INTERNSHIP

- **Student Organization Oasis** Feb 2023-present
PUBLIC SPEAKER
 - **About:** Conducted interactive tech talks and workshops on emerging technologies, engaging 100+ students.
- **E-CELL** July 2023 - Dec 2023
PUBLIC SPEAKER
 - **About:** Hosted key sessions on entrepreneurship, startup culture, and business innovation.

PROJECTS

- **Personal 3D Portfolio integrated with CI/CD Pipeline** Dec 2024-present
Developing an interactive 3D portfolio website to showcase skills, achievements, and projects in a visually Engaging way.
Engineered a dynamic, immersive 3D user experience using Three.js, improving user engagement by 40%.
Optimized website performance and responsiveness across different devices, reducing load time by 30%.
Integrated DevOps practices including automated deployment with Jenkins and containerization using Docker, ensuring continuous delivery and environment consistency
Tech: HTML, CSS, JavaScript, React, Three.js, **Docker, Jenkins, Docker Swarn, Kubernetes**
- **AI-Safety-Incident-Log-API integrated with CI/CD Pipeline** Apr 2025-May 2025
Built and deployed an AI Safety Incident Log API, enabling structured reporting and analysis of AI-related safety incidents.
Implemented CI/CD pipelines using Jenkins to automate testing, integration, and deployment workflows.
Containerized the application with Docker and managed environments to ensure consistent and scalable deployments.
Improved system observability by 70% with real-time monitoring dashboards using Prometheus and Grafana.
Tech: Node.js, Express, MongoDB, **Docker, Jenkins, Nginx, Prometheus, Grafana**
- **Custom Git Implementation** Nov 2024-Dec 2024
Building a custom version control system in C++, capable of cloning public repositories from GitHub.
Implemented core Git functionalities such as commit history tracking and branch management, reducing repository cloning time 25%.
Tech: C++, Git

CERTIFICATES

- DevOps Engineering- GFG July 2024
- Dynamic Programming and Greedy Algorithm- University of Colorado Boulder Apr 2024
- Introduction to Generative AI- Google Cloud Mar 2024
- Prompt Engineering for ChatGPT - Vanderbilt University Mar 2024

ACHIEVEMENTS

- Awarded 20+ trophies and certificates in **extempore, debate, GD**, etc.
- Got certified as amazing performer at upstart campus competition by E-Cell (IIT Kanpur) Nov 2023
- Academic Excellence Award for being subjects topper in AISSE. 2018
- Earned NCC 'A' Certificate as a Cadet 2018

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.31, max TGPA:9.46 2022-2026
- **Loyola High School** Bihar, India
Intermediate; Percentage: 91.6% 2020
- **Loyola High School** Bihar, India
Matriculation; Percentage: 98% 2018