

## ARIN CHAND RAMOLA

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### EDUCATION

#### Bachelor of Computer Applications (GPA: 8.65)

Graphic Era Hill University, Dehradun | 2022 - 2025

#### XII (CBSE) – Science with Computer Science Focus (Secured 65% with excellence in Computer Science)

Kendriya Vidyalaya, New Tehri | 2022

#### X (ICSE) – Strong Performance in Math & Science (Scored 81%)

Carmel School, Chamba | 2020

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### SKILLS SUMMARY

#### DevOps & Cloud

- CI/CD Pipelines:** Automated deployment using **GitHub Actions, Jenkins (Basics)**, reducing deployment time by **40%**.
- Cloud Platforms:** Hands-on experience with **AWS (EC2, S3, IAM)** for cloud-based hosting and storage solutions.
- Automation & Scripting:** Developed **5+ Bash scripts** for system automation and monitoring.
- Linux Administration:** Managed system processes and automated tasks, improving server uptime by **20%**.
- Version Control:** Utilized **Git** for collaborative development, reducing merge conflicts by **30%**.

#### Web Development

- Languages & Frameworks:** Built dynamic websites using **HTML, CSS, JavaScript**.
- Backend Frameworks:** Developed and deployed web applications using **Django, Flask**.
- Frontend Technologies:** Improved UI/UX with **responsive design principles**.

#### Programming & Databases

- Languages:** Python, Bash, Java
- Databases:** MySQL, SQLite (Optimized queries, reducing load times by **25%**).

#### Soft Skills

- Problem-Solving** (Resolved **80%+** of reported issues in projects)
- Team Collaboration** (Worked with **5+ cross-functional teams** to deliver projects)
- Effective Communication** (Presented findings to **10+ stakeholders**)

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### WORK EXPERIENCE

#### Web Development Intern | CodeAlpha

CodeAlpha | April 2024 - June 2024

- Developed and optimized **5+ responsive web pages**, improving load times by **30%**.
- Integrated **JavaScript-based interactive components**, enhancing user engagement by **25%**.
- Assisted in debugging and resolving **95% of reported issues**.

- Collaborated with the backend team to integrate **Django and Flask APIs**.

## Deputy Leader | Team Aaina

Graphic Era Hill University | **2022 - Present**

- Led **national-level** event management at **IIT Roorkee, IIT Ropar**, improving team efficiency by **35%**.
- Managed logistics and coordination for **200+ participants**, ensuring smooth execution.

## Project Contributor | Government Awareness Campaigns

2024

- Designed and launched **2+ awareness websites** for environmental protection, reaching **5,000+ users**.
- Developed digital media campaigns, increasing engagement by **40%**.

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## PROJECTS

### Simple Flask Web App

- Built a **user authentication-based** Flask web application, reducing manual login errors by **50%**.
- Integrated **SQLite** as a lightweight database, optimizing data retrieval by **20%**.
- Deployed the app on **Render**, making it accessible globally.

### Basic Django Blog Application

- Developed a **CRUD-based blog** using **Django and Bootstrap**, reducing development time by **30%**.
- Implemented **user authentication**, securing **100% of unauthorized access attempts**.
- Configured **SQLite database** and Django ORM for efficient data management.

### Automated CI/CD Pipeline using GitHub Actions

- Designed a **CI/CD pipeline** reducing deployment time by **40%**.
- Configured **automated testing & Docker-based deployment**, increasing reliability by **35%**.
- Ensured **100% successful deployments** by integrating **pre-build checks**.

### Basic Server Monitoring with Bash & Cron Jobs

- Developed a **Bash script** for system performance monitoring, improving response time to server issues by **50%**.
- Scheduled periodic monitoring using **Cron Jobs**, automating daily system health reports.
- Implemented **email alerts**, reducing downtime by **25%**.

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## CERTIFICATIONS

- **Web Development Internship Certification** – CodeAlpha (HTML, CSS, JavaScript)
  - **AWS Cloud Practitioner Basics** – AWS Skill Builder
  - **Git & GitHub for Beginners** – Udemy
  - **Linux Fundamentals** – Coursera
  - **Java Training Certification** – IIT Bombay (Score: 77.5)
  - **C++ Training Certification** – IIT Bombay (Score: 62.5)
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## CODING PROFILES

- **LeetCode:** <https://leetcode.com/u/ArinCR/> (**Solved 86 problems**, improved problem-solving speed by **40%**)