PRACHI GUPTA

New Delhi, India 110058 **|** +91 8287518853 | prachigupta1413@gmail.com

SUMMARY

Excelling in automating code deployments and optimizing cloud infrastructure. Proficient in Python and skilled in collaboration, I leverage my expertise in machine learning and web development to drive innovative solutions and enhance user experiences.

EXPERIENCE

06/2025 to Current **AWS and DevOps Intern – CodeSquadz, Noida, India**

- Optimized AWS cloud infrastructure and services including **EC2, IAM, S3, Lambda**, **VPC**, and **CIDR**-based network configurations to improve operational efficiency and scalability.

- Gained hands-on experience with **Virtual Private Cloud (VPC)** setup and subnetting using **CIDR notation**, enabling secure and segmented network design.

- Demonstrated strong proficiency in **Git**, **Docker**, and **Terraform** for version control, containerization, and infrastructure automation in the deployment of web applications.

07/2024 to 07/2024 **Web Developer Intern – CodSoft, Delhi, India**

- Engineered responsive web applications utilising HTML, CSS, and JavaScript frameworks.
- Partnered with designers to elevate user experience and interface aesthetics.

SKILLS

- Machine learning and deep learning
- Java and Python programming
- Cloud computing (AWS)
- Data science and analytics
- Data structures and algorithms
- Git
- Web development (HTML, CSS, JavaScript)
- C programming
- Artificial intelligence
- Database management (MySQL, SQL)
- Creative Designing
- Docker

EDUCATION

2026 **Bachelors of Technology** – Vivekananda Institute of Professional Studies, Pitampura, New Delhi

Specialization in **Artificial Intelligence and Data Science**

CGPA: 9.026

2021 **Senior Secondary** – MDH International School, Dwarka, New Delhi - **93%**

2019 **Matriculation** – MDH International School, Dwarka, New Delhi - **93%**

PRACHI GUPTA

New Delhi, India 110058 **|** +91 8287518853 **|** prachigupta1413@gmail.com

LANGUAGES

English   **Hindi**

PROJECTS

• **TradeHarbor: Learn Analyze and Invest** Trade Harbor utilizes a Flask-based web application to provide users with real-time financial data and algorithmic analysis, empowering them to make informed investment decisions.

RESEARCH PAPER

"**Optimising Cloud Infrastructure for Sustainability: Reducing Carbon Emissions in Social Media Platforms through Green Data Centres**" at 9th International Conference On Innovative Computing & Communication (**ICICC-25**)

ACCOMPLISHMENTS

 PR Head of Incredibles 2024-25: Dance Society of VSE&T (Vivekananda School of Engineering and Technology, Pitampura)EC2, IAM, S3, Lambda for enhanced operational efficiency.