

# Naresh Poudel

Kathmandu, Nepal

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GitHub: [NareshPoudel1](https://github.com/NareshPoudel1)

Portfolio: [nareshpoudel1.github.io/portfolio](https://nareshpoudel1.github.io/portfolio)

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## PROFILE

As a recent graduate in Computer Science with a strong interest in DevOps engineering, I am eager to apply my skills in programming, automation, and infrastructure management. I am enthusiastic about continuous learning and improvement and am looking for a traineeship opportunity to drive innovation and efficiency in dynamic environments. As a beginner, I am ready to face any challenges that come with this role.

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## SKILLS

**Programming Languages:** Python, C/C++, Java, C#

**Databases:** SQL, MySQL

**Web Development:** HTML, CSS, JavaScript (Basic)

**Frameworks:** Django

**DevOps Tools:** Docker, Git, GitHub, CI/CD pipelines, AWS (basic services)

**Data Analysis:** Excel, PyTorch, Scikit-learn, Pandas, Numpy

**ML Algorithms:** Linear Regression, Naive Bayes, KNN, K-Means, DBSCAN

**Networking:** OSI Model, TCP/IP, DNS, Subnetting, Networking Commands  
(ping, port, etc.)

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## EDUCATION

Bachelors in Computer Science and Information Technology

[Kathmandu Bernhardt College](#) 2019-2023

| GPA: 3.22

+2 (Science Faculty)

[Bernhardt Higher Secondary School](#)

2016-2018 | GPA: 3.00

SLC

[West Point High School](#)

GPA: 3.45

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## CERTIFICATIONS

- [Machine Learning with Python](#)
  - [Data Science Orientation](#)
  - [Introduction to Machine Learning in Production](#)
  - [Fundamentals of Visualization with Tableau](#)
  - [Data Engineering Associate](#)
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## EXPERIENCE

### Graduate Student Projects

- **Restaurant Management System:** Developed a web application to streamline restaurant operations, showcasing web development and database management skills. [GitHub](#)
  - **New Age Fashion:** [GitHub](#)
  - **Recommendation System:** [GitHub](#)
  - **IPL Data Analysis:** Conducted in-depth analysis on IPL datasets using Python libraries like Pandas and NumPy. [GitHub](#)
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## DevOps Tools and Technologies

- **CI/CD Pipeline Implementation:** Set up a basic CI/CD pipeline using GitHub Actions to automate testing and deployment of applications.
- **Docker Applications and Installation:** Created basic Docker containers for applications, and learned to install Docker locally and build Docker images.
- **Basic AWS Services:** Knowledge of AWS EC2, S3, and IAM for deploying and managing applications in the cloud.
- **Jenkins:** Basic knowledge of Jenkins for continuous integration and delivery.
- **Kubernetes:** Basic understanding of Kubernetes for container orchestration.

**Dear Hiring Manager,**

I am writing to express my keen interest in the DevOps Traineeship program. As a recent graduate with a Bachelor's degree in Computer Science and Information Technology from Kathmandu Bernhardt College, I possess a strong foundation in programming languages and a growing passion for database engineering and automation. My skills and experience align perfectly with the goals of a DevOps engineer, and I am eager to learn and contribute to your company.

### **Technical Skills and Experience**

My academic background has equipped me with a solid understanding of programming languages like Python, C/C++, Java, and C#. I have practical experience working with databases, particularly SQL and MySQL, and possess a working knowledge of web development fundamentals (HTML, CSS, and JavaScript). These skills provide a strong base for understanding DevOps principles and tools.

Throughout my studies, I actively pursued projects that demonstrate my ability to apply knowledge to real-world scenarios. Here are some highlights:

**Restaurant Management System:** Developed a web application to streamline restaurant operations, showcasing my web development and database management skills.

**Data Analysis Projects:** Conducted in-depth analysis on datasets using Python libraries like Pandas and NumPy, demonstrating my data analysis proficiency.

### **Passion for DevOps Engineering**

I am enthusiastic about exploring opportunities in DevOps engineering, particularly in automation and infrastructure management. I am a quick learner and possess a genuine passion for continuous improvement, making me a valuable asset to a team focused on streamlining processes and optimizing workflows.

### **Seeking to Apply Skills and Learn**

I am eager to apply my existing skills and gain practical experience in a professional DevOps environment. I am confident that my background, combined with my enthusiasm for learning, will make me a valuable addition to your team.

Thank you for considering my application. I have attached my resume for your review and welcome the opportunity to discuss my qualifications further in an interview.

**Sincerely,**

Naresh Poudel