





Aditya Rathore

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Bengaluru, Karnataka, India

EXPERIENCE

- Wells Fargo** Aug 2023 - Present
System Operation Engineer Bengaluru, India
 - Automated server configuration with Ansible, reducing deployment time.
 - Enhanced system monitoring through Grafana and Python.
 - Optimized Unix server uptime by identifying and resolving performance bottlenecks.
 - Earned team recognition for presenting automation improvements at internal forums.
- Nagarro** Jan 2022 - Jul 2022
SDE Intern Remote
 - Developed scalable and efficient applications using Python
 - Built web applications with Python framework Flask.
 - Optimized code efficiency and maintainability through best practices.
 - Gained proficiency in Python frameworks to streamline development.

PROJECTS

- Project VII: [A Command-Line Version Control System]** Jan 2025
Tools: [Python] 
 - Developed a command-line tool for basic version control operations.
 - Implemented file version tracking and change management using Python.
 - Created a lightweight version control system for essential tasks.
 - Applied Python programming to analyze and manage file versions effectively within the system.
- Project Tensor Grad: [Lightweight Tensor Class like Autograd]** Dec 2024
Tools: [Python, Numpy, Graphviz] 
 - Developed a tensor class like autograd capabilities for simplified gradient computations using NumPy.
 - Implemented reverse-mode automatic differentiation for efficient backpropagation.
 - Created modular components (Neuron, Layer, MLP) to enable customizable neural network architectures.
 - Applied activation functions like tanh, relu, and exp to enhance the flexibility and functionality of neural networks.

SKILLS

- Programming Languages:** Python, Dart, C++, JavaScript, Java, SQL,
- Technologies:** Git, Pytorch, Hugging Face, Tensorflow, Flask, nextjs

CERTIFICATIONS

- Google Cloud Digital Leader** Mar 2023
- Certification D** Month Year

EDUCATION

- ABES Engineering College** 2018 - 2022
Bachelors in Computer Science Ghaziabad, India
 - CGPA: 8.0
- CRB Public School** 2017
Intermediate Mainpuri, India
 - Grade: 79%