

# GEETIKA SHAARAN

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## Education

### Bharati Vidyapeeth College of Engineering

Bachelor of Technology in ECE (CGPA- 8.02)

Nov, 2020 - June, 2024

Pune, India

## Skills & Interests

**Programming Languages :** Python, SQL, SQL Server MongoDB, JavaScript, PHP, HTML/CSS, C++

**Tools:** Linux, Shell Scripting, React.js, Vue.js, SNOW, MS Excel, Power BI, Git/GitHub, Jupyter, Kaggle, Tableau, AWS S3

**Framework:** Laravel, Django, Matplotlib, NumPy, Pandas

## Experience

### Global Xperts

Mar 2025 – Present

Linux Admin L1

Noida

- As a Linux Admin, I managed user accounts, permissions, and home directories, and resolved OS issues based on monitoring alerts. I utilized Python scripting to automate tasks such as user creation, log analysis, and disk usage monitoring, thereby reducing manual effort and improving efficiency. I also managed disk space using LVM, maintained file systems, handled package management with RPM and YUM on Red Hat systems, and worked on Service Now tickets, including Incidents, Changes, and Service Requests.

### Hipster Inc.

July 2024 – Feb 2025

Software Developer

Lucknow

- As a developer, I contributed to the development of scalable backend systems for e-commerce platforms like Stitched Customs and Common-Suits using Python, MySQL, and Laravel, while also optimizing database performance and streamlining customer transactions. I enhanced front-end responsiveness with Bootstrap and AJAX. For Educatech LMS, I built a custom communication system that integrates Twilio for WhatsApp and voice calls, OpenAI for chatbot automation, and a secure Zoom meeting interface using React and Okta SSO. At Natureland Spa Therapy, I enhanced real-time chat functionality with Pusher, optimized performance using Redis caching, and managed API integrations for payments and order tracking. I also managed AWS S3 buckets for asset uploads and cleanup, supported Git-based deployments, and consistently utilized technologies such as jQuery, HTML, AJAX, and Python to enhance automation and overall system efficiency.

## Projects

### Django Blog Application

Jan – Mar, 2024

Django, API Integration

- Developed a feature-rich blog platform using Django, enabling user registration, authentication, and blog management.
- The platform allows authenticated users to create posts, comment, like/unlike blogs, and search for posts.
- Key Features Implemented:** Pagination, real-time interactions (like/unlike without page reload), and search functionality.

### Stock Market Prediction using Numerical and Textual Analysis

Oct – Dec, 2024

Python, Pandas, Numpy, NLTK, LSTM

- Built a hybrid LSTM model that uses both sentiment scores from news headlines and historical stock data to predict closing prices.
- Achieved a test RMSE of 19.66, demonstrating strong accuracy in forecasting market trends.
- Key Features Implemented:** Combined sentiment scores with historical stock data and used stacked LSTM to predict stock prices with high accuracy.

### Diabetes Prediction Model

March – July, 2025

Machine Learning, Python

- Developed a Diabetes Prediction Model using different machine learning algorithms to accurately identify individuals at risk of developing diabetes.
- Key Features Implemented:** Pre-processed and cleaned the dataset, handling missing values, outliers, and feature scaling to ensure data quality and model performance.

## Achievements

- Gold Badges in Python and SQL – Proven excellence in advanced challenges on HackerRank.