PRATIKSHA CHIKANE

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To secure a challenging position in a reputable organization to expand my leanings, knowledge, and skills. Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of company.

EDUCTATION

- **B.E. Computer Science |** N.Y.S.S. Datta Meghe College of Engineering, Navi Mumbai   2019-23
  CGPA: **8.54 (76.20 %)**
- **HSC (12th), science |** Y .C . Institute of science , Satara. Percentage: **63.38%**   2018-19
- **SSC (10th) |** M.S.Vidyalaya , Satara. Percentage: **92.40%**   2016-17

WORK EXPERIENCE

Internship | SevenMentors Pvt Ltd   01.07.2024-01.01.2025
Responsibilities:

- Worked on the project like HR Management System to improve their maintainance in the development
- department.
- Developed and optimized frontend components using HTML, CSS, React.js.
- Designed and implemented backend services with Spring Boot, Java, Hibernate, and MongoDB.
- Collaborated with the team to integrate APIs and ensure smooth functionality.
- Gained hands-on experience in full-stack development and software deployment.

Internship | The Spark Foundation   01.12.2022-01.01.2023
Responsibilities:

- Developed responsive web pages using HTML, CSS, and JavaScript, incorporating Bootstrap for improved user interface design.
- Collaborated on web development projects, optimizing site performance and enhancing user experience through dynamic content and responsive layouts

PROJECT

1. **Phishing Website Detection using Optimized Machine Learning | Django, Python**
   Developed a website to predict the legitimacy of websites, focusing on detecting phishing attempts.
Key Features:

- **ML Model Development:** Optimized a machine learning model to classify phishing websites.
- **Feature Engineering:** Extracted key features from URLs and content to enhance model accuracy.
- **Front-End Development:** Built a responsive interface using HTML, CSS, JavaScript, and Bootstrap for easy URL input.
- **Back-End Integration:** Used Django to connect the frontend with the machine learning model.
- **Data Processing:** Leveraged Python for data analysis and robust phishing detection.
- **Securiy & Optimization:** Ensured security and optimized performance for quick detection result.

2. Uber Data Analysis | Python, MySQL, Google Colab

Performed data visualization and analysis on Uber ride data to inform business improvements.

Key Features:

- **Data Cleaning:** Preprocessed large datasets for accuracy and consistency.
- **Data Visualization:** Visualized ride patterns, peak times, and popular locations using Matplotlib and Seaborn.
- **Statistical Analysis:** Analyzed trends and correlations to provide insights for strategy.
- **Database Management:** Used MySQL for efficient data storage and querying.
- **Cloud Collaboration:** Leveraged Google Colab for real-time collaboration and analysis.

3. Attendance Management System | Java, Servlet, JDBC, JSP, MySQL

Developed a system to automate and streamline student attendance tracking, enhancing accuracy and efficiency.

Key Features:

- **Automated Attendance:** Reduced manual entry errors with automated recording.
- **Data Management:** Utilized MySQL for secure and efficient data storage.
- **Web Interface:** Created a user-friendly interface using JSP and Servlets for easy management.
- **Real-Time Reports:** Enabled real-time reporting to identify attendance patterns and address absenteeism.
- **Role-Based Access:** Protected sensitive data with role-based access control.
- **System Integration:** Integrated seamlessly with existing school systems for aunified user experience.

TECHNICAL SKILLS

- Programming Languages: **Python, SQL, JAVA, HTML, CSS, JavaScript**
- Libraries and Frameworks: **Numpy, Pandas, JSP, Servlet, JDBC, Spring Boot, Hibernate,React.js**
- Database: **MYSQL, MONGODB**
- Tools/Platform: **Visual Studio Code , Git , Eclipse , Postman , PyTest**
- BI & Data Visualization Tool: **PowerBI**

CERTIFICATIONS

Boot camp - python and Artificial Intelligence (Devtown)

Full Stack Java (Sevenmentors pvt.ltd.)

Oracle Dev Gym(Oracle Corporation)