**Vivek Pawar**  
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**PROFESSIONAL SUMMARY**

Innovative and dedicated Data Engineer with a keen interest in emerging technologies and data engineering trends. Adept in Data Visualization, Python Programming, and Database Management (SQL, MongoDB), with a solid foundation in big data technologies. Known for thriving in collaborative environments and driving data-driven solutions through efficient data pipeline development and innovative approaches.

**EDUCATION**

**Institute For Advanced Computing and Software Development - CDAC Pune, Maharashtra**  
PG Diploma in Big Data Analytics  
*September 2023 - February 2024*

**Sinhgad College Of Engineering, Pune, Maharashtra**  
Bachelor of Engineering in Production Engineering  
*July 2018 - August 2022*

**Kendriya Vidyalaya Sarni, Sarni, Madhya Pradesh**  
12th Science  
*April 2017 - May 2018*

**Kendriya Vidyalaya Sarni, Sarni, Madhya Pradesh**  
10th  
*April 2015 - May 2016*

**SKILLS**

* **Programming Languages:** C, C++, Python
* **Database Technologies:** SQL, MongoDB, Cassandra
* **Libraries and Tools:** Apache Spark, Pandas, BeautifulSoup
* **Data Analytics:** Big Data Technologies, ETL Processes
* **Data Visualization:** Tableau, PowerBI, KPI Definition, Dashboard Creation

**PROJECTS**

* **Predict the Fare Amount of Future Rides**  
  *Technologies: Machine Learning, Python, Pandas, Matplotlib*  
  Developed a regression model to predict ride fare amounts based on distance, time, and location. Analysed historical data to forecast future ride costs. [GitHub](https://github.com/Vivek-pawar1411/predict-ride-fare)
* **IPL Data Analysis**  
  *Technologies: Data Visualization, Tableau, Python, Pandas*  
  Created a web-based dashboard providing insights into IPL matches, including winners, Purple Cap, and Orange Cap holders from 2008 to 2020. [GitHub](https://github.com/Vivek-pawar1411/ipl-data-analysis)
* **Flipkart Web Scraping**  
  *Technologies: Beautiful Soup, Python, Pandas*  
  Scraped data from Flipkart’s website, parsed with Beautiful Soup, and structured into Pandas Data Frames for analysis and storage. [GitHub](https://github.com/Vivek-pawar1411/flipkart-web-scraping)
* **Spotify Data Engineering Project**  
  *Technologies: AWS, ETL, Python, Pandas*  
  Pre-processed Spotify data, deployed on AWS S3, and automated processing with Glue. Integrated S3 with Glue Crawler and Athena for SQL-based querying and analysis. [GitHub](https://github.com/Vivek-pawar1411/spotify-data-engineering)
* **Power BI Job Simulation: Client-Focused Data Insights**  
  *Technologies: PowerBI*  
  Designed dashboards to convey KPIs and client requests effectively, demonstrating data-driven insights and solutions. [GitHub](https://github.com/Vivek-pawar1411/powerbi-job-simulation)
* **Design and Development of Road Spike System**  
  *Technologies: Mechanical Components, Electronic Control Systems*  
  Developed a road safety mechanism using retractable spikes to control traffic flow and enhance security. [GitHub](https://github.com/Vivek-pawar1411/road-spike-system)

**CERTIFICATIONS**

* **Disha Computer Institute**  
  Certification in C, C++, Python
* **MentorMind**  
  Completed Predict the Fare Amount of Future Rides Project
* **Forage**  
  Completed Power BI Job Simulation (June 13, 2024)

**EXTRACURRICULAR ACTIVITIES**

* **Sports Captain**  
  Served as Sports Captain of Subash House at School
* **Volunteer**  
  Contributed to planning and execution of Techtonic 2020, a college tech event