

# Harsh Shyam Battalwar

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🔗 [github.com/HarshB-Debug](https://github.com/HarshB-Debug)

## Professional Summary

Results-driven Information Technology student with expertise in **Machine Learning**, **Data Science**, and **Predictive Analytics**. Proficient in **Python**, **Java**, **SQL**, **Power BI**, and **Frontend Web Development**. Experienced in building ML models and delivering actionable insights. Certified in **Data Analytics and Visualization** from Accenture, passionate about solving real-world problems through data.

## Education

**Walchand Institute of Technology, Solapur**

B.Tech in Information Technology CGPA: 9.25/10.0

Nov 2022 – May 2026

**Relevant Courses:** Data Structures, Machine Learning, Data Science, Preprocessing, Data Visualization, DBMS, Communication Skills

12th Grade - Maharashtra State Board 81%

## Experience

**Gimatex Industries Pvt. Ltd.**

Data Analyst Intern

Dec 2024 – Jan 2025

- Analyzed large datasets of 50,000+ records to extract trends, boosting reporting accuracy by **25%**.
- Cleaned, transformed, and validated raw business data, reducing processing errors by **30%**.
- Created real-time dashboards and automated reports, reducing manual work by **40%** for decision-makers.
- Developed interactive **Power BI dashboards** for senior stakeholders to visualize inventory and production KPIs.
- Collaborated with IT teams to optimize SQL workflows, improving data query speed by **60%**.

## Projects

• **Population Distribution Dashboard**

Dec 2023

- Created an interactive **Power BI dashboard** to visualize India's 2011 population by region and demographic.
- Used **data visualization** to support government and policy resource planning.

• **Hirely - Chrome Extension for Job Search**

Blubit Hackathon 2025

- Built a Chrome extension using **HTML**, **CSS**, **JavaScript**, **JSON**.
- Integrated **Google Custom Search API** and **Gemini AI** to fetch and process job listings.
- Implemented an **AI-powered auto-apply system** based on user preferences.
- Used **Chrome Storage API** to store job and user data in JSON.
- Designed an intuitive user interface for filtering, saving, and managing job applications.
- Successfully demonstrated the project at a national-level hackathon.

• **Machine Learning Salary Prediction Web App**

2025

- Built a machine learning app to predict developer salaries using multiple regression models.
- Used **scikit-learn**, implemented **Linear Regression**, **Random Forest**, **SVR**.
- Designed a user interface using **Streamlit** for real-time predictions.
- Performed EDA on **Stack Overflow Developer Survey** dataset.
- Improved accuracy through **feature engineering** and **hyperparameter tuning**.
- Deployed to cloud with CI/CD for seamless updates.

## Technical Skills

• **Programming & Frameworks:** Java, Python, SQL, HTML, CSS, JavaScript, NumPy, Pandas, Matplotlib, Seaborn, MySQL, Power BI, Machine Learning

• **Tools & Platforms:** Git, GitHub, VS Code, XAMPP, Windows, Ubuntu, Streamlit

## Certifications & Courses

- **Data Analytics and Visualization Job Simulation** – Accenture, Mar 2025
- **AWS Academy Cloud Architecting** – AWS Academy, Mar 2025
- **Foundation course on IR4.0 Technologies** – TechSaksham (Microsoft & SAP), feb-2025
- **Complete Data Science, ML, DL, NLP Bootcamp** – Udemy (Ongoing)
- **Java Programming: Beginner to Master** – Udemy, Aug 2024
- **Power BI: Data Visualization** – TechTip24, July 2024

## Achievements

- Ranked **8th** in **Avinya Hackathon 3.0** at JSPM Tathawade, Pune.
- Selected among **Top 20 Teams** from 300+ in **BlueBit Hackathon** at PCCoE, Pune.
- Organized **WITHACKATHON 2025**, a national-level event with 40+ participants.