Yash Ghogale

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ABOUT ME

Curious and motivated developer with a strong interest in **Web Development**, **Data Analysis**, and **UI/UX** design. Brings a thoughtful approach to **problem-solving**, a sharp **eye for detail**, and a **collaborative mindset**. Excited to contribute to fast-paced projects, learn from **real-world challenges**, and help build products that truly matter.

EDUCATION

MUMBAI UNIVERSITY – D.J SANGHVI COLLEGE OF ENGINEERING   **Mumbai, India**
BTech in Computer Science Engineering (Data Science)   *2023 – Present*
Honors in Computational Finance

Pace Junior Science College, Powai   **Mumbai, India**
High school(12th), HSC Board   *2021 – 2023*

EXPERIENCE

- **Godrej Infotech Ltd**   *[June 2025 – July 2025]*
  - Designed and executed ETL workflows to process, clean, and structure datasets records, boosting reporting accuracy by **30%.**
  - Developed multi-dimensional data models with secure role-based access, improving targeted data delivery for **5**+ departments.
  - Created interactive dashboards with multi-level filtering, drill-downs, and KPIs enabling faster decision-making.
  - Automated data pipelines using scheduled processes and script-based logic, reducing manual workload by **80%** and enabling hourly refresh cycles for business-critical reports.
- **Agnirva Space Internship**   *[January 2025 – February 2025]*
  - Learned and practiced data collection techniques using remote sensing and observational tools.
  - Explored applications of these methods in satellite imaging, space weather monitoring, and planetary research through case studies from ISRO and NASA.

PROJECTS

- **Real Time Data Warehouse | MSBI Tools(SSIS, SSMS, SSAS), SQL Server Agent**
  - Implemented a star schema data warehouse for banking records using SQL Server, with fact and dimension tables to optimize analytical queries.
  - Developed SSIS ETL packages to clean, transform, and load large datasets, applying transformations and SCD Types 1,2 and 3for accurate historical tracking.
  - Automated daily dataset ingestion using scripts and scheduled hourly updates through SQL Server Agent, improving data freshness and reducing manual intervention by **100%.**
- **IPL Score Predictor | Python, Pandas, Scikit-learn**
  - Engineered a real-time IPL score prediction model by preprocessing create features such as run rate, wickets lost, and last 5-over performance trends.
  - Trained and XGBoost regressor, achieving a prediction accuracy of **91.22%** for first-innings score forecasting.
- **Ecommerce Website | MERN Stack (MongoDB, Express, ReactJS, NodeJS)**
  - Developed a luxury-themed ecommerce site with user and admin panels, featuring **10+ products**, cart management, user login, and Stripe payment integration.
  - Implemented an admin dashboard to manage **100% of inventory and orders**, improving management efficiency by **~40%**.

SKILLS

- **Programming Languages**: C, Java, JavaScript, Python, SQL
- **Data Science & Analysis**: NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, Excel, Power BI
- **Database & ETL Tools**: MSBI Tools (SSIS, SSMS, SSAS), MySQL, Firebase, MongoDB
- **Web Development**: HTML, CSS, ReactJS, NodeJS, Express
- **Tools & Platforms**: Git, Figma, AUTOCAD

ADDITIONAL EDUCATION

- **Meta Front End Developer Capstone – Coursera** | **AWS Academy Graduate – AWS Academy Cloud Foundations**