YADNESH CHOWKEKAR

+1 8573515310, Boston, MA
yadneshchowkekar1380@gmail.com ◇ LinkedIn ◇ GitHub

EDUCATION

MPS Data Analytics, Northeastern University, Boston — July 2026

Advanced Certificate in Data Science, IIIT Bangalore — May 2024
CGPI: 3.89/4

Bachelors of Engineering in Computer Science, Mumbai University — May 2022
CGPI: 8.16/10

SKILLS

Languages	Java, Python, SQL, R, Scala, Shell scripting
Frameworks	Springboot, MVC, Scikit-learn, TensorFlow, CNNs, RNNs, LLM Fine tuning, PyTorch, Keras, CI/CD, HuggingFace Transformers
Tools	Docker, Git, Power BI, Tableau, AWS QuickSight, Apache Spark, QlikSense, Kubernetes
Platforms	Windows, Linux, Web, Mac OS
Soft Skills	Good Communication skills, Troubleshooting capabilities, Agile Methodologies, Problem-Solving

EXPERIENCE

System Analyst — NSEIT (Client: National Stock Exchange) — Nov 2022 – Dec 2024
Mumbai, India

- Transformed business needs into data-driven insights through stakeholder collaboration and leveraging advanced SQL queries and data visualization(Power BI, Tableau) for automated KPI reporting.
- Automated trading and reconciliation processes using shell scripts and automated Cron jobs, reducing manual effort and improving speed.
- Deployed ISRM (SaaS) modules to support NSE–BSE trade automation and backend reliability.
- Contributed to Agile sprints, resolving data issues and improving documentation for ML workflows and system updates.

PROJECTS

- **AI-Driven Options Trading System(AI/ML)** – Developed a comprehensive financial ML platform using Python, FastAPI, and PostgreSQL, featuring real-time market data integration, ensemble machine learning models (Random Forest, Gradient Boosting), and professional time series validation with walk-forward analysis.
- **Steam Game Analysis Review (Python)** – Analyzed Steam review patterns to identify top-rated games, popular genres, and sentiment trends using NLP and data visualization.
- **Hazardous Asteroids Classification (Python, Scikit-learn)** – Built ML models (Logistic Regression, Decision Tree, Random Forest) using NASA NEO data to classify potential threats. Conducted EDA, feature selection, and model evaluation with ROC curves and scatter plots.
- **Complaint Portal System** - A full-Stack Solution Project Implemented for Larsen and Toubro during an internship opportunity. It involves PHP, Javascript, CSS and MYSQL for database connectivity.
- **NYC Motor Crash Analysis 2012 - 2024 (Tableau, Excel)**- Built an interactive and visually appealing dashboard using tableau which includes an overall indepth analysis of the NYC crash dataset.