

# CHINMAY PATANKAR

chinmay.patankar7@gmail.com • github.com/ChinmayPat • linkedin.com/in/chinmay-patankar7 • ChinmayPat.io

## EDUCATION

- Master of Science in Data Science** May 2023 (Expected)  
Stevens Institute of Technology, Hoboken, NJ
- Bachelor of Engineering in Computer Science and Engineering** May 2019  
Savitribai Phule Pune University, Pune, India
- Relevant Coursework:** Machine Learning, Data Mining and Warehousing, Data Analysis, Advanced Data Structures

## TECHNICAL SKILLS

**Programming:** Python, Java, C++, C, JavaScript, HTML5, CSS, Bootstrap, JQuery, TypeScript, R, C#  
**Frameworks:** Scikit-Learn, Seaborn, Matplotlib, AngularJS, Angular 2+, Express.js, Redux, Numpy  
**Technologies & Databases:** Git, MySQL, MongoDB, Xamarin, Azure, NoSQL

## WORK EXPERIENCE

- Cognizant Technology Solutions** June 2019 - August 2021  
Programmer Analyst Chennai, India
- Designed and implemented features for **POS(Point of Sale)** application of **CVS Pharmacy**, enabling customer interaction using **CBASIC hardware device**, expediting the purchasing process by interacting with **barcode scanner** using technologies: **AngularJS, ECMAScript5, REST API, CBASIC, SCSS**.
  - Collaborated with UX designer to develop drug dictionary for **CVS Health and Aetna** ([link](#)), revamping the user interface to be more accessible than its predecessor using **JQuery, HTML5, SASS, and Bootstrap**. Presented working model in stages to pharmacist for feedback.
  - Implemented features for chat application for specialty pharmacy of **CVS Health**, enabling healthcare providers to communicate with patients suffering through complex conditions. Technologies used: **Angular 11, SASS, REST API, HTML5, Redux**.
  - Mentored new hires, onboarded them to current projects and workload.

## PROJECTS

- Forecasting Natural Gas Prices** April 2022
- Analysed time series data of Natural gas prices and selected a suitable ARIMA model to predicted the future price using **Box-Jenkins approach** in **R**.
  - Compared models using **Akaike's Information Criterion(AIC)** and **Bayesian Information Criterion(BIC)**.
  - Tested for stationarity using **Dicky-Fuller test** and used differencing to detrend the data.
- Startup Success Prediction | GitHub** Nov 2021
- Predicted the success rate of a startup based on various categorical and quantitative factors.
  - Performed **Data Preprocessing** and **Exploratory Data Analysis** on raw data.
  - Designed and optimised machine learning algorithms such as **Logistic Regression, KNN, Random Forest, Adaptive Boosting** and **Gradient Boosting** in **Python**.
  - Achieved the highest **accuracy of 88%** with Gradient Boosting algorithm.
- Trello Clone** May 2021
- Created an **Angular 9** application using **SASS** and Bootstrap replicating fundamental functionality of Trello.
  - Designed state management system using **Redux** and stored the state in local storage.
- Hybrid Angular App | GitHub** April 2021
- Designed and developed a **Dual-boot Hybrid Application** simultaneously running on **AngularJS** and **Angular 11** framework.
  - Assisting developers **upgrade from legacy AngularJS** code to new Angular framework without blocking development of new features in latest Angular version.
- Clarity - Cross Platform application for information sharing for students** May 2019
- Developed and deployed a cross platform application using **Xamarin** on Andriod, iOS and Windows.
  - Designed a feature for data retrieval and storage using **Azure cloud storage**.