

CHINMAY PATANKAR

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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

Frameworks: Scikit-Learn, Seaborn, Matplotlib, AngularJS, Angular, Express.js

Technologies & Databases: Git, MySQL, MongoDB

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)** values.
- 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 | *GitHub*

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**.

WORK EXPERIENCE

Cognizant Technology Solutions

June 2019 - August 2021

Programmer Analyst

Chennai, India

- Worked for client - **CVS Health** as a **Front-End Developer**.
- Developed **multiple reusable components** in **Angular 8**, **Angular Material** and **ng-bootstrap** to reduce application size.
- Developed features in **AngularJS**, **Bootstrap** and **ECMAScript 5** for an application running on **Firefox 32** and **Firefox 44**.
- Provided **KT(Knowledge Transfer)** for new hires to get them up to speed on present projects and workload.
- Resolved defects in projects by coordinating with on-site team.
- Implemented **508 accessibility compliance** to make the website accessible by people with disabilities.