

# Rishi Pathak

Linkedin: <https://www.linkedin.com/in/rishifx/>

Github: <https://github.com/Rishifx>

Email: [rishi.pathak193@gmail.com](mailto:rishi.pathak193@gmail.com)

Mobile: [+91-9340702348](tel:+91-9340702348)

## SKILLS

- **Languages:** C++, JavaScript, Python
- **Frameworks:** HTML and CSS, Node.js, React.js, Express.js, Pandas, PyTorch, Keras, Scikit-learn
- **Tools/Platforms:** MySQL, MongoDB
- **Soft Skills:** Problem-Solving Skills, Self-Management, Project Management, Adaptability
- **Hobby:** Chart Analysis

## INTERNSHIP

- **Data Science and AI/ML Intern - YBI Foundation** Duration 6 Months
  - *AI ML Intern*
    - Conducted exploratory data analysis (EDA) to uncover insights and patterns in datasets.
    - Implemented machine learning algorithms such as linear regression, decision trees, and clustering.
    - Developed and fine-tuned predictive models using supervised and unsupervised learning methods.
    - Collaborated with team members to design and implement AI solutions for specific business problems.
    - Evaluated model performance using metrics like accuracy, precision, recall, and F1 score.

**Tech stacks used:** Python, Pandas, NumPy, Matplotlib, Seaborn Scikit-learn, TensorFlow, Keras, Jupyter Notebook, Google Collab, Excel, Tableau

## PROJECTS

- **Stock Market Price Prediction using Machine Learning**
  - Predicts stock prices for up to 5 years ahead based on historical market data.
  - Utilizes moving averages to smooth out short-term fluctuations and highlight long-term trends.
  - Provides visualizations and insights to help users understand market behavior and potential future movements.

**Tech:** Python, NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, TensorFlow, yfinance for historical stock data.
- **BookStore: A MERN Stack Bookstore**
  - Provides a platform where users can browse and read free books online.
  - Offers premium content that requires user registration or login to access.
  - Implements secure authentication with features like login, logout, and user session management.
  - Ensures smooth navigation through the website using advanced routing techniques.
  - Utilizes a responsive design for an optimal user experience on various devices.

**Tech:** React.js, HTML, CSS, Node.js, Express.js, MongoDB, JWT (JSON Web Tokens)
- **Coffee Shop Sales: A MySQL and Power BI Integration**
  - Utilizes MySQL to create and manage a relational database for storing coffee shop sales transactions.
  - Ensures automatic saving and updating of transaction data in the database.
  - Employs Power BI for comprehensive data visualization and reporting.
  - Provides real-time analytics and dashboards to monitor sales performance, trends, and key metrics.
  - Facilitates data-driven decision-making by offering interactive reports and visualizations.

**Tech:** MySQL (for data storage and management), Power BI (for creating interactive dashboards)

## CERTIFICATES

- Introduction to Statistics by Stanford University (Coursera)
- Introduction to Software Engineering by IBM (Coursera)
- 100 Days of Code: The Complete Python Pro Bootcamp for 2023 by Dr. Angela Yu (Udemy)
- Google Advanced Data Analytics Capstone by Google (Coursera)
- Supervised Machine Learning: Regression and Classification by Andrew Ng (Coursera)

## EDUCATION

- **Lovely Professional University** Punjab, India
  - *Master of Computer Application* Since August 2023
- **Thakur Ranmat Singh College** **Rewa, Madhya Pradesh**
  - *Bachelor of Computer Application* June 2020 - July 2023
- **BBS HS. School** Rewa, Madhya Pradesh
  - *Higher Secondary* April 2019 - March 2020