Rohit Singh
Research & Development Engineer.

Software Developer with 4.5 years of experience in designing, developing, and maintaining web applications. Proficient in **jQuery**, **ASP.NET Core, C# (MVC), JavaScript, Angular 12, React JS** and **Microsoft SQL Server**, with expertise in full-stack development, database optimization, and scalable application architecture. Strong problem-solving skills, collaborative team player, and dedicated to delivering efficient and high-quality solutions.

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EDUCATION

Maulana Abul Kalam Azad University of Technology
MCKV Institute of Engineering.

06/2016 – 05/2020

Courses
- B.Tech- Information Technology   **7.42 DGPA**

West Bengal Board of Higher Secondary Education
Tantia High School

06/2013 – 05/2015   **68.4%**

Courses
- Higher Secondary

West Bengal Board of Secondary Education
Gyan Bharati Vidyapith, Kolkata

06/2011 – 05/2013   **78.4%**

Courses
- Matriculation.

WORK EXPERIENCE

Software Developer – R&D Engineer

CARGOFLASH INFOTECH Pvt Ltd

Job Description: *Gurgaon*

- *Developed the nGen D2D System with jQuery, ASP.Net Core, and SQL Server, enhancing delivery efficiency over 2.5 years.*

- *Built Octo Loop from scratch using Angular 12, C# (MVC), and Microsoft SQL Server, delivering a robust and efficient solution in 10 months.*

- *Developed the nGen RMS using React JS, C# (MVC), and Microsoft SQL Server, optimizing revenue management processes over 1 year.*

07/2020 – Still Working (4 years 6months ++)

Trainee – ML Developer
CIGNEX DATAMATICS.   *Ahmedabad*

01/2020 – 06/2020 (6 Months) *Job Description:*
- *Performed time series analysis and modeling using Python (statsmodels, SciPy, pandas).*
- *Applied ACF, PACF, ADF, and KPSS tests for parameter estimation and stationarity*
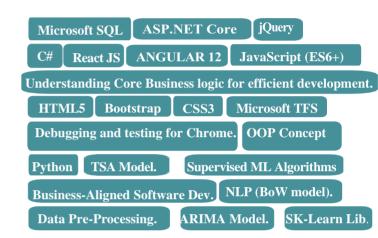- *Developed AR, MA, and ARIMA models; implemented NLP with BoWs for text analysis.*

Intern   *Jamshedpur*
TATA Technologies Pvt Ltd.

06/2019 – 07/2019 (1 Month)
- *: Web development using PHP and MySQL database.*

SKILLS

- Microsoft SQL
- ASP.NET Core
- jQuery
- C#
- React JS
- ANGULAR 12
- JavaScript (ES6+)
- Understanding Core Business logic for efficient development.
- HTML5
- Bootstrap
- CSS3
- Microsoft TFS
- Debugging and testing for Chrome.
- OOP Concept
- Python
- TSA Model.
- Supervised ML Algorithms
- Business-Aligned Software Dev.
- NLP (BoW model).
- Data Pre-Processing.
- ARIMA Model.
- SK-Learn Lib.

PERSONAL PROJECTS

Bitcoin price forecasting using Time series analysis. (04/2020 – 06/2020)
- Built a forecasting model using AR, MA, and ARIMA to predict Bitcoin prices.
- Conducted data preprocessing and trend analysis using Python and statsmodels, showcasing expertise in predictive modeling for financial analytics.

Anti-diabetic drug sell prediction using time series analysis. (02/2020 – 04/2020)
- Utilized libraries: statsmodels, SciPy, and pandas for data analysis and modeling.
- Applied **ACF** and **PACF functions** to determine model parameters.
- Conducted stationarity tests using **ADH Test** and **KPSS Test**.
- Developed a predictive model leveraging the **Moving Average (MA) Model**.

Asset management system using PHP, MySQL and JavaScript. (06/2019 – 07/2019)
- Utilized XAMPP as a local development environment for running PHP, MySQL, and Apache servers.
- Managed and maintained databases using PhpMyAdmin for tasks such as database creation, querying, and administration.

LANGUAGES
1. ENGLISH,
2. HINDI,
3. BENGALI.

INTERESTS
- Exploring front-end frameworks like React, Vue, and Angular.
- Contributing to open-source web development projects.
- Exploring AI/ML and data science technologies
- Actively following tech trends and industry innovations.

ACHIEVEMENTS

- Training on Advanced Excel in Nov. 2017 (09/2017 – 10/2017)
- Training on MATLAB. (05/2107 – 06/2107)
- Inter College champion in Counter strike 1.6. (01/2019)
- Brown belt holder in Japanese Shotokan karate association.

CERTIFICATES

- Internship at TATA Technologies (Jamshedpur)(06/2019 – 07/2019).
- QEEE Course in C & DATA STRUCTURE by IIT Mumbai. (06/2017 – 09/2017)
- QEEE course in Chemistry IIT KHARAGPUR. (01/2017 – 04/2017)