Rohan Kumar

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Location: Bangalore,India

Total Experience – 3 years

Exponentia.ai

Software Developer   March 2024 - Present

- Leading the development of RESTful APIs for our client, a leading bank in India, working onsite at the client's location.

- Utilize Python with frameworks such as Django, Flask, and FastAPI to architect and implement scalable and secure API solutions.

- Collaborate closely with cross-functional teams, including backend developers, frontend developers, and product managers, to design and deliver high-quality API endpoints aligned with business requirements.

Brain Crowd Software Private Limited

Senior Software Developer   October 2021 – March 2024

- Led backend development for the My Vessel Spotter website, utilizing Python, Django, and REST APIs to create a dynamic platform.
- Played a pivotal role in consecutive sprints, immersing myself in Java Spring Boot development and making substantial contributions to feature building and refining procedures.
- Currently working on the transition from monolithic to microservices backend development for Boxxport's website, leveraging the Java Spring Boot framework to build a high-performing system.
- Integrated external APIs to expand application functionality and enhance user experience.
- Successfully integrated payment gateways and implemented wallet systems for secure financial transactions.
- Designed intricate database schemas, enhancing project functionality and data management.

Invsto

Software Developer (Internship)   February 2020 – July 2021

- Spearheaded the development of stock trading chatbot through production boosting revenue by 30%.
- Orchestrated the development of portfolio analyser and stock screener platforms for the company website.
- Utilized PostgreSQL, MySQL, data warehousing programs, Tableau and other data visualization tool sets for data intelligence and analysis.
- Designed and developed complex data pipelines and maintained the data quality to support a rapidly growing business.

Lightning Speed Event Services

Marketing Analyst (Internship)   March 2018 – March 2020

- Leveraged relationship-building to organize successful events in residential buildings, resulting in a remarkable 67% revenue growth.
- Transformed marketing approaches by harnessing data from diverse channels, optimizing strategies for enhanced performance.
- Utilized Python and data analysis to devise a client-retention initiative, yielding a consistent 12% revenue increase by fostering repeat business.
- Applied Python's Django, JavaScript, and AngularJS within an agile framework to create user-friendly client sites, fostering community engagement and ease of use.
- Catalyzed a substantial 69% online sales upswing by synergizing data insights from online channels into a unified marketing strategy.

CryptoWex

COO   January 2019 – January 2020

- Managed end-to-end development of the company's flagship trading platform using agile methodology, ensuring efficient delivery and top-notch performance.
- Engaged investor groups through impactful presentations, effectively securing financing by showcasing the company's value proposition.
- Spearheaded the preparation of Key Performance Indicator (KPI) reports on trading activity, consistently monitoring, and enhancing the effectiveness of trading performance metrics.

EDUCATION

Manav Rachna University   New Delhi, India
BTech. Computer Science   *July* 2017 - *June* 2021
CGPA: 8.0

TECHNOLOGY AND SKILLS

- **Programming Language and frameworks**: Python, Java, SpringBoot, R, HTML/CSS, C, C++, Django, Tableau, UNIX.
- **Technical Skills**: Machine Learning, Data Visualization, Big Data, Data Mining, AWS EC2 deployment, Adobe Photoshop, Adobe Premiere Pro, Risk Analysis, GIT, Jenkins, Keras, NumPy,
- **Soft Skills**: Problem-Solving, Mind-mapping, Project Management, Active Learning, Creative writing, Conflict Management, Decision-making, Work Ethic, Goal setting, Leadership.
- **Database**: SQL, PostgreSQL, TimescaleDB, MySQL, MongoDB, Arctic DB.
- **Languages**: English(native), French (Intermediary)

PROJECTS

Stock Trading ChatBot
Chatbot

- Create an Automated Stock Trading Chatbot deployed on Discord through an AWS EC2 server.
- Trading Equities and Forex through Alpaca and Oanda brokerages API's respectively.
- The broker writes the command to buy or sell, on the respective channels for equity and forex which the chatbot reads and implements for all the user registered on the bot.
- Developed using Python and Discord API, with SpaCy NLP model for reading the text sent by the user.

Research on School Bus Routing problem
Research

- Solving School bus routing problem while using Travelling Salesman Problem as reference.
- Four algorithms (Greedy approach, Brute Force, Branch N Bound, Backtracking) to check and analyze which algorithm gave the optimum result and checking the time complexity across the four approaches.

Visualizing and forecasting stocks using Dash
Research + Website

- Creating multiple models and training them on over 20 years of stock data and evaluating their success rate.
- Created a single-page web application using Dash and using the ML models from above that shows company information and stock plots based on input by the user.
- ML model will enable the user to get predicted stock prices for the date inputted by the user.

Music Player
Website

- Developed using Python, Django, JavaScript, HTML/CSS and using db.sqlite3 for database.
- A cloud-based format where the user can login, upload all albums and songs he wants, and listen to them anywhere he wants.
- A chat bot which recommends songs based on analysis of user's data.

REFERENCES

Available on Request