RINKLE AGARWAL

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EXPERIENCE

Data Research Assistant, Pro Start Me Technologies Pvt. Ltd.   *Apr 2020 - Jun 2021*
- Improved the company sales by 80% by adding a substantial list of potential clients by analyzing hundreds of thousands of Tweets in real-time.
- Tripled the productivity of the support team by connecting their existing knowledge base to an AI-based chatbot.

Cloud Developer, Technoic AI Services   *May 2019 - Nov 2019*
- Enhanced the team productivity by a significant amount by proposing and drafting solutions for cloud deployment of Machine Learning algorithms through Amazon Web Service and Microsoft Azure.
- Assessed and guided customers to establish and upgrade their databases and AI-based business models by integrating end-to-end solutions.

Web Development Intern, Metanoia Infotech   *Jun 2018 - Jan 2019*
- Researched and developed back-end API services in PHP to support about 90% of the functionalities of applications.
- Troubleshot and debugged code to ensure compatibility with devices, browsers, and operating systems.

PROJECTS

SENIC Analysis
- Created and tested a successful statistical regression model to predict hospital stays for patients in the United States using the SENIC project data.
- Performed exploratory analysis, data transformation, and model diagnostics to maximize accuracy.
- Fitted multiple regression models and determined the best one based on the model selection criteria and data visualization.
- Project Link: https://github.com/rinklea/SENIC

Tweet Harvester
- Collected real-time data via Twitter APIs and analyzed them to build a potential customer database based on the Tweet attributes.
- Innovated a strong marketing strategy to advertise to these potential users via automatic mentions and private DMs.
- Project Link: https://github.com/rinklea/Twitter-APIs

News Analyser
- Devised an algorithm for detecting fake news using natural language processing and deep learning.
- Performed data cleaning and data visualization to prepare a model using RNN to improve the current status quo methods.
- Project Link: https://github.com/rinklea/Fake_News_Detection

RSS To Intercom
- Devised a connector that transferred newly produced data from the organization knowledge base to their customer support platform.
- Reduced the application testing time by 100% by syncing new, quick, and updated answers automatically.
- Project Link: https://github.com/rinklea/RSS-to-intercom

EDUCATION

M.S., Data Science   *Aug 2021 - Present*
Michigan Technological University   GPA: 4.0
B.E., Information Technology   *Aug 2017 - Jul 2021*
Gujarat Technological University   CPI: 9.06

SKILLS

Programming: Python, JAVA, R, SQL, C/C++, PHP, HTML/CSS, Keras, TensorFlow, Pandas
Technical: Data Analysis, Data visualization, Regression Analysis, Statistics, Data Modeling, Hypothesis Testing, Predictive Modeling
Tools/Platform: Microsoft Azure, Microsoft Excel, Machine Learning Docker, Apache Hadoop, MATLAB