

DEVESH PRASAD

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GitHub: github.com/deveshprasad/

EDUCATION BACKGROUND

UNIVERSITY OF MANCHESTER

MSc DATA SCIENCE (Mathematics) Merit/2:1

MANCHESTER, UK

SEP 2022 - OCT 2023

(Got offers from multiple Russell Group Uni.'s with combined scholarship > £13500+)

Machine Learning & Statistics(Python - OOPs, Matplotlib, NumPy, Pandas, SciPy & ML Models)

Databases(SQL- NoSQL - Pymongo - MongoDB, Schema & ER Design) + AI & Finance

UNIVERSITY OF DELHI

BSc(Hons.) Statistics + CS (Elective) 8.98/10 GPA

DELHI, INDIA

JUN 2019 - JUN 2022

Descriptive Statistics, Calculus, Algebra, Distributions & Probability, Linear Models,

Multivariate Analysis, & Statistical Computing using C, R Tool, Python & SPSS.

WORK EXPERIENCE

DATA SCIENTIST

GRANT THORNTON UK

NOV 2023 - PRESENT

- To work with Digital Data Hub team to develop automation solution for utilisation & Develop ML solution for place analytics. To build python scripts & application using the latest LLM models and their integration to find the efficient solutions using RAG, Azure OpenAI services. Formulate ways for business to improve on the basis of research and exploring different solutions, their risks, benefits and impacts.
- (Key Stacks: Python, ML, Open AI API's, GPT-3.5 Modeling, Azure Form Recognizer, LLM Models for ChatGPT, AI, Retrieval Augmented Generation(RAG), Semantic Chunking, LangChain & AI Document Intelligence)

DATA SCIENTIST

BE.EV, UK

FEB 2023 - JUN 2023

- DATA70202 Applied Data Science @ The University of Manchester.
- Objectives - To utilize public and private data sets to understand whether the proximity of other charger locations had a positive, negative, or neutral impact on charger utilization and what factors, other than the proximity of other chargers, can impact site utilization and give future recommendations.
- Worked directly under the CTO/CPO with a team of three more students achieving a final merit score in the industrial experience module. Client Testimonial: [LinkedIn Post](#) .
- Tried to dive deep into the Topic - Analysing the role of population density of a region in setting up new EV charging stations through my dissertation module. (Key Stacks: GIS, Correlation, Prediction, Time Series.)

SOFTWARE DEVELOPER INTERN

AICROWD, Switzerland

JUL 2021 - AUG 2022

- To work on core latest frontend technology stacks including multiple libraries & packages. Improve the automated grading web application to make it friendly for a community of 57,000+ community members. Also, making the website optimized by solving frontend bugs & converting Figma designs to frontend clear, concise & effective responsive code. Improved my language, presentation & soft skills tremendously while working with this small-scale early-stage start-up.
- To develop the Blitz Revamp project introducing beginners to AI community. Had the opportunity to be part of a 7-day offline Retreat - Goa, India event for company growth discussion.
- (Key Stacks: HTML, CSS, React/Next/Typescript JS, Bootstrap, Git & Gitlab, Web Development, ML & AI)

MARKET RESEARCH ANALYST INTERN

HACKEREARTH

FEB 2022 - MAY 2022

- To work with Inside Sales Team researching the markets in the USA, and Canada. Researching chiefs, VPs, and Heads of various technology start-ups through Apollo.io, Outreach & LinkedIn Sales Navigator, and passing on the leads to account managers to pitch the product as a hiring tool. (Key Stacks: MS Excel, Apollo, Data Analysis, International Market Research & Data Management, Business Communication.)
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PROJECTS

GITHUB PROFILE:

GitHub profile with multiple Data Science, Machine Learning & Software Development projects.

- github.com/deveshprasad

TABLEAU PROFILE:

Tableau profile with multiple Data Visualization & Responsive Dashboards using various Statistical concepts like Linear/Multiple Correlation/Regression. The data is first rendered and analyzed before working on it.

- public.tableau.com/profile/devesh5578#!/

DIABETES PREDICTION USING LOGISTIC REGRESSION:

A brief description of the data, including its origin and quality issues. Fitting appropriate regression models and using them to determine how likely the women in the PIMA Test dataset are likely to develop diabetes.

- github.com/deveshprasad/Diabetes_Prediction

ROSSMANN SALES ANALYSIS USING XGBOOST & RANDOM FOREST:

This requires predicting 6 weeks of daily sales, as the project requires the historical dataset to be fully pre-processed in order to achieve reliable and accurate forecasting. This involves several data preparation tasks, such as integration, visualization, cleaning, and transformation.

- github.com/deveshprasad/Rossmann_Sales_Analysis

AMAZON PYMONGO (PYTHON & MONGODB) DATABASE:

It involved creating a NoSQL schema and a demonstration database for the Amazon Online shopping website using Python and MongoDB. Products are divided into Fresh & Normal categories with Amazon interested in its European expansion using Geospatial queries.

- github.com/deveshprasad/Amazon

ADVANCE FRONTEND PROJECTS (PORTFOLIO) :

Personal website demonstrating my skills as a Developer. HTML5, CSS3, JS (jQuery, Ripples Js), Bootstrap, and SVG Animations are used in the project. Deployment is on GitHub and graphics & gifs were created using Canva & Giphy. The UI is clear, concise & responsive.

- deveshprasad.github.io

deveshprasad.github.io/Portfolio

ADVANCE MERN PROJECT:

Created using HTML5, CSS3, JS (jQuery, Ripples JS), Bootstrap, Node JS, Mongo DB, Mongoose, EJS, API, and 30+ NPM packages deployed on Heroku. Users can sign up anonymously, and upload posts including text & images. Users can also interact by commenting on each other's posts & can update or delete their posts.

- dry-ravine-57756.herokuapp.com

GITHUB: github.com/deveshprasad/Social

VOLUNTEER EXPERIENCE

MAR 2020 - AUG 2020

RED DOT FOUND. SAFECITY (To make public places safer by sharing experiences & identifying patterns.)

TYCIA FOUNDATION (To join the mission to fund 1000 girls to attend school in Korku village, MP.)

PROJECT UNLEARN (To pledge to not forward any sexist jokes on social media & create awareness.)

BHUMI (To use my creative skills, with the goal of environmental sustainability, and creating awareness.)

EARTHDAYORG (To support Earth Day Network Each One Save One campaign, to save one unit of electricity daily by adopting the 9 simple mantras.)

TEAM EVEREST NGO (Understanding that bird starvation is real and accordingly taking steps to minimize it.)

UNV INDIA (Learning and sharing correct information. Amplifying critical health messages about COVID-19.)

YUWAAH (UNICEF INDIA) (Becoming a #YoungWarrior and acquiring the tools, and resources to safeguard families and communities through this one of its kind movement.)

SKILLS

DATA ANALYTICS & VISUALIZATION - PYTHON (PANDAS, SKLEARN FOR ML & MATPLOTLIB), R, & TABLEAU
DATABASES - MYSQL, MONGODB, SCHEMA DESIGN, ER - CONNECTION WITH PYTHON/PHP/JS

STATISTICS - MACHINE LEARNING - REGRESSION, MULTIVARIATE, LINEAR & OTHER STATISTICS CONCEPTS

SOFTWARE ENGINEERING - FRONTEND DEVELOPMENT - HTML, CSS, JS, REACT JS, TYPESCRIPT, NEXT JS

GENERAL - PROGRAM MANAGEMENT, HOSPITALITY, EVENT, SOCIAL MEDIA MANAGEMENT, GRAPHIC DESIGNING
