AMAN DEVRATH

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PROFILE SUMMARY

Experienced Software Engineer with 4 years of expertise in creating Dashboards using Tableau and PowerBI, as well as developing Reactive and Mobile applications using OutSystems 11, Web Applications using Laravel and Drupal 8. Proficient in data exploration and cleaning through SQL and Python.

FUNCTIONAL AREAS

- Data Visualization
- Web and Mobile Application
- Data Exploration and Cleaning
- Workflows

TECHNICAL SKILLS

- **Tableau Desktop/Public** – Interactive Dashboards, Story, Calculative Fields, Filters, Parameters, Actions, Joins, Blending, Dashboard Design.
- **OutSystems 11 –** Reactive Application, Mobile Application, Service Studio, Service Center, Lifetime, Architecture Dashboard, REST APIs.
- **SQL –** Relational Database, Joins, MySQL, Query Optimization.
- **Python –** NumPy, Pandas, Seaborn, Exploratory Data Analysis (EDA).
- **Alteryx –** Alteryx Designer, Preparation, Joins, Datetime, In/Out, Summarize, Parse, Functions.

WORK EXPERIENCE

Saint-Gobain India, Mumbai

- **Software Engineer**   **06/2019 – Present**
  - Designed and published 15+ Tableau interactive dashboards using Tableau Public and Tableau Desktop incorporating bar graphs, scatter plots, maps, heatmap & other visualizations.
  - Constructed 30+ interactive filters, parameters and calculations for dashboards and worksheets in Tableau.
  - Processed Python and SQL to understand, transform, clean 70,000+ records from JIRA leading to improved efficiency in all processes.
  - Leveraged JIRA ticket data by performing EDA and built a PowerBI Dashboard that delivered significant business solution resulting in a 25% increase in ticket resolution.
  - Developed a KPI reports application with OutSystems 11 which expanded user base from 2 to 55 resulting in 90% of reduced manual work.
  - Revamped a mobile Application for management of construction vehicles with the help of OutSystems 11 which boosted App development time by 40%.
  - Integrated 4 REST APIs for Reactive and Mobile Applications using OutSystems 11.
  - Collaborated with a team to develop an OutSystems application with user base of more than 2000 facilitating the sale of tickets for French league football matches across 3 different leagues.
  - Resolved 13+ different Code Analysis Patterns in Architecture Dashboard for Reactive Application using OutSystems 11.
  - Engineered an Application using Laravel for managing orders & schedules of 5 agencies across French Regions.
  - Contributed to the development of a product specification page and user management portal using Drupal 8, optimizing efficiency by 50%

Magus Infotech, Navi Mumbai

- **Software Intern**   **01/2018 – 06/2018**
  - Designed and Published reports & dashboards using PowerBI, which improved customer satisfaction by 30%.
  - Inspected Contoso Database data by performing EDA and cleaning using SQL and PowerBI on 12M+ rows.
  - Engineered an Excel Plugin with a set of 27 macros, enabling automated manipulation of data & worksheets effectively reducing manual labor by 80%.

o   Participated in 20 Weekly Stand-up to receive assignments and mentoring.

EDUCATION

- **Masters of Computer Application (MCA)**   08/2015 – 06/2018

  o   BVIMIT, Mumbai University [75.43%]

CERTIFICATIONS

- Data Visualization with Tableau Specialization (4 of 5 completed)
- Complete Python Bootcamp from Zero to Hero
- The Complete SQL Bootcamp 2022: Go from Zero to Hero
- Alteryx Foundational Micro-Credential
- Google Data Analytics Professional Certificate (3 of 8 completed)
- Associate Reactive Developer – OS 11

EXTRA CURRICULAR ACTIVITIES

- Enrolled in 3 Maven Challenges hosted by Maven Analytics and currently pursuing more opportunities/challenges.
- Engaged in 4 Data Challenges conducted by MakeOverMonday and WorkOutWednesday, demonstrating a commitment to enhancing data analysis skills.
- Surmounted 3 Weekly Challenges arranged by Alteryx, showcasing proficiency in utilizing the platform for data preparation and manipulation.