|  |  |
| --- | --- |
| Salman Shahzad  Data Analyst | +44 7380205441  [salman.shahzad100@gmail.com](mailto:salman.shahzad100@gmail.com)  <https://www.linkedin.com/in/salman-shahzad-100/>  Dudley, United Kingdom |

# About

Experienced in both data analysis and web development, I bring a diverse skill set to the table. With one year as a data analyst and two years as a Ruby on Rails developer, I thrive in problem-solving and creating user-friendly solutions. Passionate about leveraging data insights and coding expertise to drive impactful projects. Currently seeking field job opportunities to apply my skills in a hands-on environment.

# Skills

* Ruby, Ruby on Rails, GitHub, HTML
* Data Modelling, Python, Tableau, PowerBI, SQL, Postgresql, Active Record, API integration, Data Manipulation, Pandas, Numpy, Data Warehouse, Data Cleaning.

# Work Experience

Data Analyst, Viral Square Aug 2022-Oct 2023

* Gather, clean, and integrate data from various sources such as databases, APIs, spreadsheets, and external systems to create comprehensive datasets for analysis.
* Analyze large datasets to identify trends, patterns, and insights using statistical methods and data visualization tools like Python's matplotlib, or Tableau.
* Create clear and insightful visualizations and dashboards to communicate findings to stakeholders.
* Orchestrated collaborative efforts across cross-functional teams to drive data-informed decision-making processes, resulting in a 15% increase in customer retention and a 40% improvement in customer satisfaction scores.
* Write SQL queries to extract, manipulate, and summarize data from relational databases like MySQL, PostgreSQL, or Oracle. Optimize queries for performance and efficiency

Associate Software Engineer, Viral Square Nov 2021-Sept 2022

* Develop and maintain robust web applications using Ruby on Rails framework, ruby gems, ensuring adherence to coding standards, best practices, and project requirements by removing any bottlenecks.
* Collaborate with cross-functional teams, including designers and product managers, to translate business requirements into technical solutions, fostering effective communication and alignment throughout the development lifecycle.
* Design, implement, and optimize database schemas using ActiveRecord and PostgreSQL, ensuring data integrity and performance.
* Build robust and scalable RESTful APIs for seamless integration with external services and third-party application.

Ruby on Rails Engineer, **Next Frontier Labs July 2020 – Aug 2021**

* Actively contributed to the development of web applications as a Ruby on Rails intern at NFL.
* Completed Ruby on Rails for beginner’s course on Udemy.
* Gained hands-on experience in implementing MVC architecture, database management, and UI creation.
* Design, code, test, and debug complex web applications using Ruby on Rails framework.
* Collaborated with the development team, participated in testing, and enhanced understanding of the software development lifecycle.
* Strengthened Ruby on Rails skills and acquired valuable real-world project experience during the internship.

# Projects

1. <https://salman-shahzad.github.io/Salman.github.io/>
2. Human Following Robot (Final Year Project, Bachelors)
   1. Made a robotic Car that follows a human being using Kinect & Aurdino.

# Education

**University of Bradford**

Bachelors Electrical & Electronic engineering Sep 2015-Dec 2019