

Akhil Singh Rana

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EDUCATION:

Software Engineering Technology

Centennial College

Jan 2022- April 2023

Toronto, On

Bachelor's in computer science and Engineering

SRM Institute of Science and Technology

Jun 2017- May 2021

Chennai, India

PROFESSIONAL EXPERIENCE:

Software Engineer Intern in Doodleblue Innovations private limited

Mar 2021- May 2021

- Conducted thorough testing and debugging to ensure high-quality code, improving overall project efficiency and effectiveness.
- Collaborated with cross-functional teams to develop and implement user-friendly, scalable web applications.
- Utilized version control systems such as Git and GitHub to manage code, streamline workflows, and maintain project integrity.
- Employed agile methodologies to efficiently manage projects and prioritize tasks based on client needs and project timelines.
- Demonstrated excellent problem-solving skills, quickly identifying, and resolving technical issues to ensure seamless project completion.

Data Engineer intern ACIL Technology Pvt. Ltd

Jun 2019- Aug 2019

- Developed and implemented data cleaning and data wrangling processes, resulting in more accurate and reliable data.
- Created and optimized SQL queries to extract, transform, and load (ETL) data from multiple sources, ensuring data integrity and consistency.
- Employed data visualization tools such as PowerBI to effectively communicate insights and findings to stakeholders.
- Utilized machine learning techniques to analyze and predict patterns in large datasets, improving overall data-driven decision-making.
- Demonstrated a strong understanding of cloud-based technologies such as Azure, including Data Factory, Azure SQL Database, and Cosmos DB, to effectively manage data in the cloud.

SKILLS:

- **Python Programming** (including Pandas, NumPy, Matplotlib, Scikit learn)
- **PowerBI and Azure** (including graphical visualization, data lakes, Data Factory, Azure SQL Database, Cosmos DB)
- **Microsoft Excel** (including Macros, V-Lookup, Power Query)
- Exceptional communication and presentation skills
- Extracting data from websites and APIs using python
- **SQL** proficiency, database management, SQL queries.
- GitHub (including Git commands, cloning, merging, collaboration, git actions)
- Efficient time management
- Docker for containerization, build image and deployment.

CERTIFICATIONS:

- Marketing Analytics Coursera - University of Virginia ([R8RZEMEAR97Y](#)) Jul 2020
- The Python Mega Course- Udemy Jan 2023 - Present

LEADERSHIP & SERVICES:

Paws for a Cause (Pet adoption)

- Provide customers with correct information about pet adoption procedures and the required documentation.
- Conduct routine follow-ups with adopting customers to get their feedback about the organisation and the adoption process.

