

# SHIVAM MOTANI

Software Developer, Bangalore, KA, India

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Actively seeking opportunities to learn, improve, and advance in my career. Shivam is particularly interested in challenging projects that have a meaningful impact on both business and customers. He's particularly drawn to opportunities that allow for innovation and the development of efficient solutions to real-world problems on a large scale. He possesses a solid foundation in programming and has a proven track record of consistently delivering high-quality work. He's confident that his skills and experiences will enable him to make a valuable contribution to a dynamic team and assist in the development of innovative solutions that drive business success.

## Education

**Arya Institute of Engineering Technology and Management**

**Aug. 2016 – Aug 2020**

*Bachelor of Technology in Computer Science*

*Jaipur, Rajasthan*

## Experience

**Deloitte Consulting India Private Limited**

**March 2021 – Present**

*Business Technical Analyst*

*Bangalore, Karnataka*

- Conducted analysis of requirements with a team of 10 people against applicable client products and services and mapped attributes, accounting for ~\$60B of total revenue.
- Spearheaded an initiative to automate data modification processes in Hadoop and Snowflake through the development of a Python-based utility, replacing the previous manual Excel-based approach. This initiative ensured enhanced data integrity and accuracy in data manipulation workflows.
- Collaborated with a team of 4 individuals to develop and build a tool in Python for automating the validation of mappings and profiling of source raw data. A reduction of ~95% (from 4hr to 10 min) in the time required for this process led to a significant increase in team efficiency.
- Developed a data lake environment for a US-based bank that combined data from various commercial banking portfolios (e.g., loans, leases, revolving credit, trust) to enable Tableau reporting for regulatory and profitability purposes.
- Successfully delivered 400+ attributes to OFSAA by mapping and validating them in Hadoop, providing downstream users with valuable analytical data.
- Conducted an extensive data validation process utilizing over 1000 SQL scripts in Hadoop, resulting in a smooth transition from SIT/UAT phase to a successful Production deployment.
- Efficiently onboarded and mentored 2 new team members, imparting in-depth knowledge of both the Business and Technical architecture of the project.

**March 2021 – March 2022**

- Successfully completed the first 12 months of probation period by showing an outstanding ability to make a meaningful impact on the Mortgage and Risk Management portfolio of a banking client, comprising approximately \$30B, through mapping and reconciling revenue attributes.
- Undertook data/conformance/functional validation and ensured the accuracy of mappings and data load, resulting in a successful production release.

**Apprify Labs**

**June 2019 – July 2019**

*Web Development Intern*

*Bangalore, Karnataka*

- Developed and build a website that helps the user to search and book available parking spaces within metro cities.
- Utilized Bootstrap, HTML, and CSS to create a user-friendly and visually appealing front-end solution.

## Projects

**Telegram Bot** | *Python, Django, PostgreSQL*

- Developed an automated Telegram bot using Python and Django which sends jokes to the user based on the joke category they select.
- Utilized HTML, Bootstrap, and PostgreSQL to create a landing page to store and monitor the number of users who interacted with the bot along with the joke category they chose.

**Stock Inventory App** | *Python, Tkinter, SqlLite*

- Used Python, Tkinter, and SQL Lite to create an app which can be used to manage inventory.
- Used CRUD operations to modify the items in the inventory.

**Rock, Paper, Scissors Game** | *Python, Tkinter*

- Used Python and Tkinter to re-create the old 1V1 game.
- User can choose one of three possible inputs and the computer choose a random input simultaneously
- Based on the logic either User or Computer wins and the score can be seen on the same screen

## Technical Skills

**Languages:** Python, Java, C, C++, Front-End Development, SQL

**Cloud Platform:** Azure, AWS, Snowflake, Hadoop

**Tools/Frameworks:** VS Code, Git, GitHub, Tkinter, Django

**Certifications:** Azure Fundamentals AZ-900, Azure AI Fundamentals AI-900, Azure Data Fundamentals DP-900

## Accomplishment

- Won 2 Applause Awards in Deloitte
- Won the Infosys-TEDx Contest organized in 2017.
- Completed workshop on AI enabled machine to fight against any pandemic by IIEC.
- Completed workshop in Astrobiology conducted by IARC.
- Participated in Au Bank Jaipur Marathon in 2018.