

# Aman Kumar

[LinkedIn](#) | [GitHub](#) | Email: [amanraj241800@gmail.com](mailto:amanraj241800@gmail.com) | Mobile: +91 7903465714

## Skills

**Programming Languages:** Python, R, SQL, Java , Groovy

**Databases and Techniques:** MySQL, Oracle , PL/SQL, Query Optimization, Performance Tuning, Cursors

**Containerization and Virtualization:** Docker

**Version Control:** Git and GitHub

**FrameWorks:** Django, Spring, Spring Boot

**Web Technologies:** HTML, CSS , Javascript

**Cloud:** AWS

## Work Experience

Osfin.ai , Bengaluru [ [Website](#) ]

Nov 2023 - Oct 2024

### Data Analyst

- Led the implementation of a **Reconciliation** product for **FamPay** and **AU Bank**, automating **UPI, IMPS, POS (Point Of Sale)** reconciliation, reducing processing time by **30%**, and improving operational efficiency.
- **Optimized SQL procedures**, reducing execution time by **40%**, and enhanced data organization and retrieval through bucketing in stored procedures.
- Designed and optimized procedures to streamline data workflows, eliminated redundancy through data **normalization**, implemented bucketing techniques, and leveraged **window functions** to perform data reconciliation on **large datasets**, ensuring high **data accuracy** and efficiency.
- Configured **data pipelines** and performed **ETL Processes** using **regex expressions** and **Groovy scripts**, boosting efficiency, and automating reconciliation processes, which reduced manual effort and increased accuracy. Additionally, conducted **rigorous testing** of new builds to ensure system integrity and performance.

## Education

Vellore Institute Of Technology, Vellore

Master of Computer Applications (MCA)

Sept 2022 – June 2024

**CGPA: 8.94/10**

Gossner College, Ranchi University

Bachelor of Computer Applications (BCA)

July 2018 – Oct 2021

**CGPA: 9.04/10**

## Project Work

### TODO [ [Link](#) ]

- Developed a **To-Do List** web application to manage tasks and deadlines.
- Implemented **JWT authentication** and access token for secure user login.
- Designed **RESTful APIs** with **Django REST** Framework for user registration, login, and task management.
- Integrated **frontend** with **JavaScript** for dynamic task creation, editing, and deletion.
- Utilized **cookies** to persist session data for users.
- **Dockerized** project for easier deployment and scalability.
- Hosted application on **AWS** for robust performance and accessibility.

### Employee Registration CRUD Web Application [ [Link](#) ]

- Created a user-friendly interface to add, view, update, and delete employee data.
- Integrated Django for backend processing, **MySQL** for secure data storage, and **HTML/CSS** for responsive design.

### State Guessing Game [ [Link](#) ]

- Developed a **Python** game using **Turtle** graphics to create a map of the United States, challenging players to guess the names of the states.
- Utilized **Pandas** to manage and extract state data, accurately placing state names on the map as they are guessed correctly.

## Awards and Certificates

- **Trainity (Data Analyst)** [ [Link](#) ] June 2024-Current
- Learned advanced Excel, MySQL, and data analytics techniques, including data cleaning, removing duplicates, and visualization.
- Developed strong skills in analyzing and interpreting complex datasets to drive actionable insights.
- **Best Project Award. Cofe for Life Hackathon , VIT Vellore** May 2023  
Awarded for the Best project award amongst more than 100 registered teams and 400+ students.
- **VITMEE MCA AIR 67** June 2022  
Secured All India Rank 67 in VITMEE MCA out of 7,000+ candidates from all over India.