



SANJANA RAO

Experienced Backend Developer with 5+ years of multi-project expertise in Java, Python, and HQL. Skilled in crafting efficient, scalable solutions for backend architectures to enhance application performance.

sanjkrao@gmail.com



EXPERIENCE

Senior Engineer, Target

AUG 2020 - PRESENT

- Backend Engineer at Target, dedicated to enhancing the retail experience for guests.
- Optimized Product Grouping: Enhanced product categorization on the Target website, resulting in significant improvements in conversion rates and repeat purchase rates. Applied clustering techniques to develop more effective product groupings.
- Revenue Recovery: Analyzed and resolved issues with unidentified barcodes, mitigating a revenue loss of approximately \$XX million.
- Data Quality Tool Development: Enhanced a data quality tool with robust rules to ensure the accuracy and consistency of item data.
- Application Management: Managed multiple applications, leveraging cross-product collaboration and microservices architecture to drive product success and operational efficiency.
- Leadership and Best Practices: Collaborated closely with product and business teams to design and deliver impactful solutions. Led the team in adopting best practices, implementing continuous integration and delivery processes, and fostering a collaborative environment to promote innovation and achieve project goals.

Tenovia, Intern

JAN 2020 - MAR 2020

- Worked as a data engineer; extracted data using Facebook Ads API to be inserted into a cloud warehouse using Snowflake.
- Worked on AWS services such as S3, Lambda and Athena.

EDUCATION

PES University, B.E Computer Science Engineering

AUG 2016 - JUL 2020

- 8.5 GPA

Lourdes Central School, CBSE

2014 - 2016

- 94%

EXTRA CURRICULAR

- Active member of Rotaract Palmville Club - taking part in multiple activities in giving back to the community and upgrading professional skills
- Scored distinction in Indian Classical Bharathanatyam Junior exam with 88%
- Scored distinction in KSEEB, Indian Classical Carnatic Music junior with 83%

HOBBIES



SKILLS

- Backend Application Development
- Data Analysis and Data Quality
- OOPs concepts
- Design Principles
- Database Management Systems
- REST APIs
- Machine Learning
- Data Structures and Algorithms
- Debugging and Deployment

LANGUAGES

- Java - Advanced
- Python - Advanced
- SQL/HQL - Advanced
- C/C++ - Intermediate
- Kotlin - Beginner

FRAMEWORKS

- Springboot Microservices
- MongoDB, Postgres
- Hive
- Pandas, TensorFlow, NLTK
- Scikit-Learn, Matplotlib
- Apache Kafka
- Flask
- PySpark

TOOLS

- IntelliJ
- Elastic Search
- Jupyter Notebooks, Jupyter Labs
- PyCharm

Overdue - Sanjana did a fabulous job representing Virtual Bundles at Tech Demo Day. Presenting well and navigating multiple questions. Good Job with a successful session



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**Marianne.Lawrence** 11:14 AM

Hey Sanjana,

You've dropped a big bomb in the standup. Your expertise and contributions have made a significant impact, and you will be truly missed on the team.

**Anooj.Poothikuth**

To: SANJANA.RAO; Cc:

(i) Retention: Inbox Expires: 01/07/2026.

Dear Sanjana,

Thank you for the email. I am really sad to see you go. You've been a great engineer and a valued team member—it's truly a loss for us.

Sanjana for stepping in and remediating the NUA noise understanding the root cause



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Buy me a coffee



Jyothsna bought a coffee

Babe!!! This is so freaking cool!!! I watched it on laptop and phone. Loved it on both 😭😭😭. Freaking awesome is what thou are!!