

Deva Venkata Sai Rithish Punna

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EDUCATION

National Institute Of Technology, Durgapur

Computer Science And Engineering, CGPA : 8.19

Gems Millennium School

C.B.S.E

West Bengal, India

Aug, 2019 - May, 2023

Sharjah, UAE

Aug. 2012 - May 2019

WORK EXPERIENCE

Sigmoid Analytics

Associate Software Development Engineer

September 2023 – Present

Bangalore, India

- Built and managed data pipelines using **Snowflake** and **Informatica** transforming globally available data into region-specific datasets. Implemented a star schema data model to enhance scalability and query performance at Sanofi's Operations.
- Managed the CARE architecture at Reckitt, building and maintaining customer acquisition and retention pipelines while processing data from sources like SFTP, Oracle, Salesforce Cloud, Shopify APIs, and BigQuery. Resolved data discrepancies in Delta Live Tables using **Databricks** and **Azure**, increasing table row counts by 40% and reducing null values. Optimized **Azure Data Factory** pipelines with parallel sub-pipelines, hashed primary keys, and metadata columns, cutting the average runtime from 24 to 7 hours and simplifying validation across teams.

Sigmoid Analytics

Data Engineering Intern

January 2023 – June 2023

Bangalore, India

- Constructed ELT and ETL pipelines utilizing **Data Build Tool**, **Airflow**, **Snowflake**, **Kafka** and **Spark**
- Generating actionable insights using **Tableau**

Samsung Research and Development Institute

Samsung Prism Research Intern

January 2022 – August 2022

Bangalore, India

- Developed an android application using **Java frameworks** and **Tflite models** to Identify and classify sounds
- Optimized RAM usage from 100 MB to 30MB and app size from 56 MB to 40.5 MB
- Trained, tested and deployed various audio classification deep learning models to report resource usage
- Implemented a Notification model to alert users of sound events using **Firestore cloud messaging**.

Quonny

Freelance Flutter Developer

December 2021 – July 2022

Remote

- Built a video chatting mobile application using **Flutter**, **Firestore**, **agora** and **Nodejs**
- Implemented the functionality for random matching of users based on region for a video call

PROJECTS

Currency Detector | [Source Code](#) | Flutter, TensorflowLite models

- A mobile application for visually impaired people to identify currency notes. Implemented using Flutter and TensorflowLite models built using custom data sets

SpNdr | [Source Code](#) | [Google Play](#) | Flutter, Firebase authentication, Firestore, Google Sheets

- SpNdr is an Expense Tracker app with Google Sheets as its backend implemented using Flutter, Firebase authentication and Firestore.

ACHIEVEMENTS AND CERTIFICATIONS

Databricks Certified Data Engineering Associate | [Credential](#)

Microsoft Certified: Azure Data Engineering Associate | [Credential](#)

Achieved top 20 teams in Bayer Integrated Digital Label Hackathon

Solved over 500 questions on Leetcode and Geeks for Geeks | leetcode.com/devarithish26 | geeksforgeeks.com/rithish2001

Secured a rank of 891 in June Cook-Off 2021 Division 2, Max Rating of 1753 at Codechef | codechef.com/rithish1126

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, SQL, JavaScript, HTML/CSS, Scala, Shell Scripting, Dart

Frameworks: Spark, MongoDB, MySQL, Pytest, Flutter, Airflow, Hadoop, Data Build Tools (DBT), Kafka

Developer Tools: Git, Docker, Kubernetes, VS Code, Visual Studio, PyCharm, IntelliJ, Android Studio, Jira

Cloud and Data Warehouse Tools: Snowflake, Amazon Web Services, Google Cloud

Platform, Azure, Databricks, Informatica

Total Work Experience: 2 Years +