

Rahul Padhy

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EDUCATION

IIIT, HYDERABAD

M.TECH. IN COMPUTER SCIENCE
8.78/10
May 2024 | Hyderabad, India

NIT, ROURKELA

B.TECH. IN COMPUTER SCIENCE
8.11/10
May 2018 | Rourkela, Odisha, India

ISPAT E. M. SCHOOL

92.6%
Intermediate | April 2014 | Rourkela, India

ISPAT E. M. SCHOOL

95.57%
Matriculation | April 2012 | Rourkela, India

LINKS

Github:// **imRP26**
Leetcode:// **rahul0003**
Hackerrank:// **rahulpadhy**
Codechef:// **rahulpadhy**

COURSEWORK

Data Structures and Algorithms
Internals of Application Servers
Introduction to NLP
Statistical Methods in AI
Database Management Systems
Software Systems and Development
Advanced Operating Systems

SKILLS

PROGRAMMING

Intermediate:
Java • C++ • Python • Shell • C • SQL
Basic:
HTML • CSS • PHP • Powershell •

CO-CURRICULARS

Participated in 5 km run organized by Veritas, for raising awareness about fitness issues.
Conducted CODEX 16.0 on Hackerrank.
Conducted coding sessions for juniors.
Mentored institute freshers.

EXPERIENCE

DRIVETRAIN | SOFTWARE ENGINEER 2

March 2021 - August 2021 | Bengaluru, India

- Developing config files from scratch for mapping the business processes of clients and writing SQL queries for calculating various metric values.
- Analysis of raw data from clients and designing the forecasting module from scratch for month-end for various metrics.
- Setting up data pipeline connectors (such as Fivetran, Airbyte) for moving data from sources such as S3, Salesforce to BigQuery warehouse.
- Developing automation scripts for various scenarios such as data verification, daily data sync-ups from clients.

ORACLE | MEMBER OF TECHNICAL STAFF

August 2019 - October 2020 | Bengaluru, India

- Improved the execution time (by > 2X) of the clustering module of Code Coverage for various Oracle products in general and RDBMS specifically.
- Implemented graph analytics modules for extracting useful information (such as PageRank) for Oracle DB's CodeGraph functionality using Oracle PGX, an in-memory analyst engine for this purpose extensively.
- Created a UI app for better understanding of results for various applications using Oracle APEX - SQL, PL/SQL were used extensively for this.

VERITAS TECHNOLOGIES LLC | ASSOCIATE SOFTWARE ENGINEER

July 2018 - August 2019 | Pune, India

- Automation of the FTP module in ACCESS by developing test cases involving complete code coverage of the FTP module using the VxCTF test framework (in-house).
- Automation of the CIFS ACL module using Powershell scripting and the VxCTF test framework.

PROJECTS

IOT PLATFORM SENSORS' MODULE | CODER

March 2023 - Present

- Made the **Sensors' Module** of an IoT Platform from scratch that can fetch live data from OM2M sensors' API.
- The whole module has been made dynamic, as in the IoT Platform Admin can add / delete / update sensor nodes and their data as per requirement.
- Made various API endpoints so that other modules can interact with the Sensors' module as per their requirement and exposed all of them on a Swagger UI that is controllable by the Platform Admin.

QUESTION-ANSWERING | CODER

February 2023 - Present

- Trained a BERT baseline module from scratch for **Question Answering** and compared with various State-of-the-Art models on the SQuAD 1.0 and 2.0 datasets.
- Conducted various experiments and finalized reasons as to how baseline models can be made better (w.r.t. F1 scores and HuggingFace pipeline scores).