

SWAYAM PRAKASH RATH

📍 Bhubaneswar, Odisha, India 📞 (+91)8328994795 ✉️ swayam0345@gmail.com

🐙 [Github](#) in [linkedin](#) 🌐 [Webpage](#)

Experience

Mavenir

Jul 2021 - Present

Member of Technical Staff

- Utilized software design, data modelling skills, and efficient coding practices to develop 6 key mainline features for 4G VoLTE.
- Improved codebase performance and functionality by applying rigorous testing and documentation, resulting in a 20% reduction in issues.
- Conducted comprehensive code analysis and employed precise debugging techniques to diagnose and resolve over 30 bugs.
- Created 3 key performance indicators (KPIs) including counters, gauges, and transaction record logs, and ensured their quality by performing complex database queries.

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Nov 2022 - Apr 2023

Data Analyst Trainee

- Acquired professional knowledge and training in the field of data analytics.
- Contributed to 3 major projects involving data extraction, cleaning, analysis (including regression, predictive analysis, and null hypothesis testing), and data visualization.

Skills

Technical Skills

Data Analysis, Visualization, Web Scraping, Software Design, Debugging, Linux, 4G VoLTE

Programming Languages

MySQL, PostgreSQL, Python, RStudio, Yang, C, C++

Software Tools

Workbench, BigQuery, pgAdmin, Excel, Tableau, PowerBI, Git, Jira, Kubernetes, Docker, Jenkins, GNU Debugger, Spirent

Education

Veer Surendra Sai University of Technology, Burla

Aug 2017 - Jul 2021

Bachelor of Technology, in Computer Science & Engineering

Projects

Employee Attendance Analysis

[Excel, Power Query Editor, PowerBI]

Human Resource Data

- Designed and implemented a Power BI dashboard to streamline HR processes, resulting in 3-4 hours of daily savings.

Sales Insights

[MySQL, Excel, Tableau]

Sales Data

- Cleaned the sales data using MySQL and created a Tableau dashboard to analyze the sales trends.

Scraping Magic Bricks

[HTML, Python (BeautifulSoup), Excel]

Real Estate Data

- Extracted 4k real estate data from "MagicBricks," cleaned it, and transformed it using Excel.