Divyani Sonawane

SENIOR SOFTWARE ENGINEER (5+ YEARS EXP)

Pune, India 🏠

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Summary

Driven and proactive professional with a proven track record spanning 5+ years, adept at spearheading complex projects across the Healthcare, Automobile, and Shipping sectors. Orchestrated the development and implementation of a dynamic data pipeline in the Shipping industry. By integrating voyage optimisation, weather routing, and performance techniques, a remarkable decrease in global CO2 emissions was achieved by significantly reducing fuel consumption. Additionally, engineered innovative solutions, such as integrating image processing tools with the infotainment system of automobile that slashed hardware testing time by an impressive 70%.

Skills

- **Programming Languages:** Python, Go, C#
- **Libraries:** Numpy, Pandas, Pyspark, OpenCV, Pytesseract, Boto3, etc.
- **Database:** SQL
- **Cloud Services:** AWS - S3, CloudWatch, Lambda, AWS Glue, etc.
- **Web Development:** Django, Flask, HTML/CSS
- **Version Control & PM Tool:** SVN, Git, JIRA
- **IDEs:** Visual Studio, Visual Studio Code, Goland, Pycharm
- **Data Analysis and Visualization:** Power BI

AWARDS

- First Rank in North Maharashtra University in all four years of Graduation (2014-2018).
- TCS Internal award for best Team in Project Management category (2020 and 2021).
- TCS GEMS for Process Improvement, Fresco Play Miles award, Python Hacker-rank Challenge.
- Recognised for proactive problem-solving, and rapid integrations and tricky bug identification.

Education

B.E. Electronics and Telecommunication
2014 - 2018
CGPA : 9.16 (Rank 1)

Professional Experience

Senior Software Engineer | Rda Labs, Bangalore
NautilusLabs - Integration Team | Sep 2022 - Present

- Designed versatile data pipelines for multiple clients, integrating varied data sources (txt, csv, xlsx, macro, json) from diverse endpoints (APIs, Emails, Client Databases, etc)
- Normalized data into JSON for frequent ingestion and customized ship modeling datasets, providing clients with technical system configuration guidance.
- Customized solutions to match unique ship specifications while upholding data quality on the frontend platform.
- Scripted automation for daily tasks like Jira defect tracking, bulk dataset updates, KPI graph generation, data converters, and more.

System Engineer | TCS, Pune
Nissan - AutoTest | Apr 2019 - Sep 2022

- Coordinated day-to-day project activities, planning, and implementation across multiple teams.
- Collaborated with project managers and feature owners to deliver efficient solutions.
- Advised clients, provided expertise using internally developed Jira Extraction and KPI generator tools and presented insights through intuitive dashboards.
- Automated IVI system hardware testing, cutting time requirements by 70% through Image Processing Tools.

System Engineer | TCS, Pune
J&J Vision Care - Support | Nov 2018 - Mar 2019

- Design and Maintenance of Production line.
- Conduct of Non Confirmation Analysis of final product.
- Translate requirements into polished, high-level designs and provide support in HMI screen development.