

SAI LIKHITH KANUPARTHI

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PROFILE SUMMARY

A self-motivated, skilled master's in computer science student at The New York University. 2 year experienced Software Engineer with a demonstrated history of working in the field of the Software Engineering and Data Analytics.

PROFESSIONAL EXPERIENCE

Oracle India Pt. Ltd (Payroll of Trigent Software Ltd.) | Bangalore, India Sept 2017 to June 2019
Associate Software Engineer (Oracle SaaS cloud, Data Analysis and Visualization - Java, Python)

- Responsible for developing programs, automation scripts and test cases with 95% success ratio, optimized performance for databases and improved performance significantly by 33.3% i.e., faster processing.
- Researched for the potential issues which client could face after production upgrade and improved production live time 40% faster than expected.
- Helped client boost revenue by 3% and business activity by 20% by playing key role in developing the ERP Dashboard project using Business Intelligence data analytics to our client's CEOs, where they can see the gist of their business live.
- Awarded "Golden Partner" as a team for significant contribution in project cost reduction for Indus Towers Limited.

Bharat Sanchar Nigam Limited | Nellore, India Dec 2015 to Jan 2016
Software Engineer Intern (Databases- Python, Oracle SQL, Java, C++)

- Achieved significant improvement in minimizing losses in optical fiber communication channels using data analysis which later helped in troubleshooting the communication channel, thus saving 12% of budget on maintenance.
- Collaborated with hardware engineers in designing an efficient software programs helpful for them to monitor the communication equipment health/activity, which improved their work efficiency significantly.

SKILL SET

Languages: Python (Expert), C/C++ (Expert), Java (Intermediate), PL/SQL(Expert), HTML/CSS(Intermediate), Javascript (Beginner)
Databases: Oracle SQL, MySQL **OS:** Linux, Windows, Mac **Libraries:** NumPy, Pandas, Keras, Seaborn, Tensor Flow
Cloud Applications: Oracle SaaS Applications, AWS **Frameworks:** Hadoop, Apache Spark
Tools: Selenium Webdriver, Git, Visual Studio Code, Oracle VM, Tableau, Oracle BI, Oracle Data Integrator

EDUCATION

New York University, Tandon School of Engineering, New York, NY May 2021
Master of Science, Computer Science | CGPA: 3.22
Relevant Courses: Machine Learning, Algorithm and Data structures Design, Big Data, Computer Networks, Operating Systems

Jawaharlal Nehru Technological University Anantapur, Andhra Pradesh, India May 2017
Bachelor of Technology, Electronics and Communication Engineering | GPA: 4.0
Relevant Courses: Python, Linux, Java, C, Mathematics, Probability and Statistical analysis, Linear Algebra, Differential Equations

SELECTED PROJECTS

NYC Open Data – Data Profiling and Analysis (Big Data- Hadoop, PySpark, PL/SQL) Oct 2019 to Dec 2019
Achieved 3X faster performance in data profiling, semantic analysis and data visualization of the data in NYC Open Data which includes extracting metadata out of unstructured data using Hadoop Distributed File Systems and PySpark.

Machine Bias Analysis and Study (Big Data, Machine Learning - Pyspark, Python) Nov 2019 to Dec 2019
Researched the formulation of classification rules (CARS) and of potentially discriminatory rules (PD-CARs) in Algorithms. The problem occurs when our assumptions for a more generalized algorithm produces results that systematically prejudice.

Machine-Learning-Prediction-using-LIME-Library (Machine Learning - Python) Nov 2019 to Dec 2019
Performed feature selection based on the set of generated LIME textual explanations to improve the classifier's performance.

Personal Portfolio (Website Development - HTML, CSS, Javascript, Ruby) Jan 2020- Feb 2020
Developed personal portfolio website using the above-mentioned technologies. It will be improved time to time.

Pattern recognition using gesture control (Image Recognition- Python, Java, MATLAB) Apr 2017 to Aug 2017
Implemented a personal remote-controlled research project, where an RC robot is designed using Arduino board, which follows the pattern we gave and detects obstacles on the way using concepts of image recognition and data visualization in it.