

Sachin Araballi

+1 (747) 2341646 - Tempe, AZ, United States - sachinaraballi@gmail.com - [LinkedIn](#) - [GitHub](#)

INTERESTS

Big Data, Machine Learning, and Full-Stack Software development.

EDUCATION

Master's Computer Science Arizona State University, Tempe, AZ August 2021 - May 2023
CGPA: 4.22/4

Bachelor's Computer Science R V College of Engineering, Bangalore, India August 2009 - June 2013
CGPA: 9.11/10

PROFESSIONAL EXPERIENCE

Oracle India Private Limited Bangalore 2018 - 2021
Project Lead

- Worked on research project de-duplication of customer records using Oracle Machine Learning platform
- Built Apache Spark-based Data Matching Tool, which uses the clustering method to group records and compares the records based on match rules. Millions of customer records are matched using Spark and Oracle Cloud Infrastructure which helps the customers to match their data in less time compared to legacy tools
- Worked on Data profiling visualization tool which shows statistics of customer data using Elasticsearch and PLSQL
- Building a Machine Learning model for Oracle Account Data Matching where we find duplicate and anomalous records using decision trees. Customers started getting cleansed data after this functionality introduction.
- Developed Microservices using Oracle Helidon. It has Jet-based UI and RESTful services for APIs where our matching tool runs.
- Contributed to bug fixes for Elasticsearch and Apache Spark open-source projects.
- Mentored campus freshmen, to assign work through the Agile Model. Helped them in building POCs.

Samsung Research & Development Institute Bangalore 2016 - 2018
Lead Engineer

- Tizen SDK Team - Worked on plugin development in Tizen Studio - Project involves IDE development for Tizen OSGi, Eclipse plugin development.
- Language service provider protocol for Tizen Studio - Developed IDE for C Sharp using Omnisharp Server.
- Worked on Certification of IoT devices - Samsung Artik 530 board App Sign in. Users can control their devices from the Samsung Connect Application through SmartThings Cloud.

Oracle India Private Limited Bangalore 2013 - 2016
Member Technical Staff

- Worked in Data and Insights for the Enterprise (Data Services or Data as a Service-DaaS) dev team on the user interface, integration of client part with Restful API services

TECHNICAL SKILLS

Language skills - C, C#, Java, Python, HTML, CSS, JavaScript, D3.js, and SQL/PLSQL

Technologies - Apache Spark, Hadoop, Elasticsearch, Apache Solr, Elasticsearch, and Machine Learning

Software development - IoT Certification, Mobile Application Development, Helidon Microservices, and Restful Services

Course work - Data Mining, Machine Learning, Data Visualization, Data Processing at Scale, Mobile Computing, and Knowledge Representation.

PUBLICATIONS

- Sentiment Analysis Of Twitter Data International Journal of Advanced Research in Computer Engineering and Technology, Ijarcet Volume 3 issue 12, (2013)
- Solar Energy for Lighting, Presented the renewable resource presentation in Scholars' Meet Zurich, Switzerland.

AWARDS / FELLOWSHIPS / GRANTS

- New American University Scholarship, ASU (2021), Wingspan Fall 2021 Scholarship (2021)
- Numero Uno Award from Oracle Sales Cloud team (2019), Spot Awards in Samsung Research Institute,
- ABB Jorgen Dorman Foundation Scholarship, Switzerland (2010) [Link](#)