

AISHWARYA S. WAGH

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EDUCATION

University of Waterloo
Master of engineering (ECE)
Cumulative GPA: 3.84/4.00

Ontario, Canada
Expected: May 2022

- Relevant coursework: Distributed and network centric computing, Data & knowledge modelling and Analysis, Intelligent Sensors and Sensor Networks, Tools of Intelligent Systems Design, Statistics for Data Analytics, Methods and tools for software engineering, Foundations of software engineering, Project management.
- Projects undertaken: Auto-reply Twitter handle, Identification and Authentication of IoT devices using automated intelligent modeling.

Government College of engineering
Bachelor of engineering (ECE)
Cumulative GPA: 3.84/4.00

Maharashtra, India
Jun 2017

- Honors: Participated in National Level Robotics competition for consecutive 3 years and received "Best Innovative Design Award 2016" with all India rank 8.
- Relevant Coursework: Discrete mathematics, Object oriented programming, Operating systems, Differential Equations, Mathematical Statistics.

WORK EXPERIENCE

Tata Consultancy Services
Software developer, Data engineer

Mumbai, India
Jun 2017- Dec 2020

- Designed and maintained java web applications for multi-commodity exchange and trading platform at National commodities and Derivatives Exchange E Marketing Limited.
- Assisted in end-to-end deployment activities, weekly and monthly releases in all the environments like System, Acceptance, and Production
- Contributed to requirement gathering, solution design, development, and enhancements in the application while working in an Agile Environment.
- Developed scalable distributed applications using Big Data Technologies such as Apache Spark, Hive to replace existing ETL processes for electricity trading sector clients which improved the processing speed by ~42%.
- Developed Spark jobs to pull raw data from multiple upstream systems, wrote enrichment logic and loaded the data into Apache Hive tables.
- Honors: Best debutant award (2017), Award for Significant contribution in NeML (2018), Best Team award (2019).

SKILLS & INTEREST

- Operating Systems: Linux, Windows
- Languages: C++, Java, Python, R, Scala
- Database System: Oracle, MySQL, Apache Cassandra
- Frameworks: AngularJS, Hibernate, Hadoop, Hive, Thrift, Spark, Kafka, and Docker
- Version Control: Git, SVN
- Cloud Platforms: AWS
- IDEs: IntelliJ IDEA, eclipse, Pycharm, R-Studio.
- Machine learning: Sklearn, keras, tensorflow, natural language toolkit (NLTK), pycaret