

# Ashutosh Raichurkar

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## Education

**Northeastern University, Boston, MA**

**Expected May 2021**

Master of Science in Information Systems

- Major courses: Data Science Engineering Methods and Tools, Application Engineering Development

**Vivekanand Education Society's Institute of Technology, India**

**June 2017**

Bachelor of Engineering in Electronics

- Relevant courses: Applied Mathematics (Statistics), Object Oriented Programming and Computer Organization

**Vivekanand Education Society's Polytechnic, Mumbai, India**

**June 2014**

Diploma in Electronics and Communication

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## Skills

**Programming Languages:** Java, Python, Embedded Systems, C, DB2, R programming

**Database:** MySQL

**Machine Learning Libraries:** Numpy, Pandas, sciPy, sklearn, matplotlib, seaborn

**Machine Learning Algorithms:** Regression Models, Decision Tree, Random Forest

**Professional Tools:** IBM Sterling Integrator, DVI, Axway, Jupyter Notebooks, Netbeans, Eclipse, Git, Microsoft Excel

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## Work Experience

**Accenture Pvt Ltd, Mumbai, India**

**December 2017 - July 2019**

Associate Software Engineer

- Understood Business requirements and got multiple partners onboard via file transfer protocols such as AS2 and SFTP
- Worked with map changes, change requests and migrated client data from legacy system which improved the file flow efficiency by 45% and client's business by 48%
- Reduced the project expenditure and team effort by automating the process of file transfer and data validation by using Robotic Processes Automation (RPA)
- Led various maintenance activities such as system reset, data purge and restart procedures
- Conducted knowledge transfer sessions for new joiners and documented maintenance procedures, file flow layout and partner contact list
- Monitored files containing orders, invoices and shipments flowing to different countries
- Worked in rotating shifts and had co-ordinated with clients and other teams to resolve various technical issues

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## Academic Projects

**Vivekanand Education Society's Institute of Technology, Mumbai, India**

**March 2017**

Automated Water Distribution and Theft Detection System

- Implemented Ladder Logic using Programmable Logic Circuit (PLC) Scada and Micro-controller 8051
- Developed a system to calculate flow and equal distribution of water over a small geographical area
- Designed the Logic Diagram, layout and flow structure of the project to make the project cost effective and attain an efficiency of about 83.7%