

Sathish Kumar Santhanagopalan

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Education	Binghamton University, State University of New York, The Thomas J. Watson School of Engineering and Applied Science, CGPA 3.41/4 Master of Science in Computer Science. Expected May 2018 Anna University, First Class, CGPA 7.97/10 Tamil Nadu, India. Graduated April 2014 Bachelor of Engineering, Information Technology			
Technical Skills	Languages	Core Java, Python, C, HTML.		
	Database	MySQL		
	Tools	Microsoft Office, Jenkins, Git, WinSCP, Vim, VMWare.		
Relevant Experience	Software Engineer, Larsen & Toubro Infotech Limited, Chennai, Tamil Nadu, India June 2014 – August 2016 I served as a developer in building the ServiceFirst SaaS Product which deals with life cycle of a product after its delivery to Customer. As a part of development team, Some of my functionalities were, <ul style="list-style-type: none">• To develop screens with ServiceFirst Product, based on the requirements from Client• To develop a generic Routing logic, which would route the Tickets to desired Agents to resolve, for Multiple Tenants• To do Production deployments and support for Client Software Engineer Intern, Telenav Inc., Santa Clara, California July 2017 - August 2017 As an intern, some of the tasks that I carried out were, <ul style="list-style-type: none">• To write Unit test cases for Search Library of their Unified Android SDK Model. Used JUnit, Mockito and PowerMockito to implement them and used Jacoco to find code coverage• To write Jenkins Job which runs periodically and when a Pull Request is triggered in Bitbucket. Unit test cases were executed as a part of build. Goal was to setup build and test automation pipeline for the Search Library• To write Python automation script, that reads Android xml files and populates an excel based on constraints			
Relevant Coursework	Algorithms, Computer Organization and Architecture, Object Oriented Concepts, Database Management system, Operating System, Computer Networks, Data Mining.			
Projects	Prediction of overall Sale of key Products - Time Series Analysis Spring 2017 Implemented a Time Series Analysis based on the given dataset. Found the best model to be ARIMA and is used on the given data. Predicted the overall sale of 100 key products and also for each key product for each day of the time window using scikit-learn, Pandas and NumPy. Pipeline Simulation Fall 2016 Explains how instructions are processed in each cycle based on their operation type. Ideology of Forwarding, when results are obtained in Execution stage, is implemented so that system executes in most efficient way.			