

# AJIT RAJURKAR

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## EDUCATION

**Stony Brook University, New York** -Master of Science in Computer and Information Science *August 2019 – Present*  
(Courses: Data Science Fundamentals, Analysis of algorithms, Network Security, Discrete Mathematics)  
**College of Engineering, Pune** -Bachelor of Technology in Computer Engineering (CGPA: 8.18/10) *July 2013 – May 2017*

## PROFESSIONAL/INTERNSHIP EXPERIENCE

**Barclays Global Service Center, India** – Graduate Analyst *July 2017 – June 2019*

- Managed and Resolved real time risks to application Customer Data Integration – Master Data Management, an IBM owned product based on Java, WebSphere, MessageQueue and maintained 97% availability of application
- Proactively identified the potential issues/bugs and provide a work around, engaged Development team
- Automated daily team tasks and saved 30 hours/month of team efforts (Selenium, Shell script, Java)

*Received Global Recognition Award for Stewardship and Excellence*

**Barclays Global Service Center, India** - Summer Intern *May 2016 – July 2016*

- Created a webapp using Java, jQuery and materialUI for asset management of the department of 150 employees

**Skyline Labs- Co** – founder, Lead Developer ([www.skylinelabs.in/](http://www.skylinelabs.in/)) *May 2014 – July 2016*

- Lead and managed a team of 20 plus members to create 15 plus mobile application, websites

## PROJECTS

**ConnectX - Scalable end to end IOT platform** *(Award: Cognizant Most Innovative Project Award, 2017)*

- Platform to deploy, manage and analyze IOT devices
- Automatic server configuration and auto generate code (*Java, Arduino*)
- Dynamic and interactive UI for user to control all the device (*NodeJS, ExpressJS, MaterialUI, mongoDB*)
- Data based rules engine to trigger other devices or third party API (*apache kafka, spark*)

**KYM – Smart credit based e-wallet** *(Award: Envestnet HackD – Winner, 2016)*

- Alternative to existing credit scoring system, calculates credit score using social media and expense reports
- Smartphone application with voice based personal assistant (*Android*)
- Web dashboard for accessing financial reports and managing expenses (*Chart.js, HTML5, CSS*)

**FindX – Platform for digital and smart city** *(Award: Persistent Systems Pune Digital Hackathon – 2<sup>nd</sup> Runner up, 2015)*

- Citizen complain portal to connect with different government authorities (*police, municipality, transport*)
- Real time tracking of public transport, ambulance, fire brigade (*Android, Google Maps API*)
- Smart location based SOS signal for women and senior citizen safety

**Patching Tool** *(Company: Barclays Global Service Center, India)*

- Identifies all the servers which are going to be patched in future, Notify Service Operation Manager and Leads about it. Reduced the patching related downtime by 58 hours per month (*MS SQL Server, Java*)

**RTB Dashboard** *(Company: Barclays Global Service Center, India)*

- Aggregate ITIL data across all the teams and find out various trends and insights about the application services and team productivity. Saved 35 hours of work per month required for MBR meetings (*MS SQL Server, Tableau*)

## RESEARCH PAPER

**Paper Title:** An IoT ecosystem for the implementation of scalable wireless home automation systems at smart city level  
**Conference:** Region 10 Conference, TENCON-2017, IEEE (Penang, Malaysia)

## PROGRAMMING SKILLS

**Programming Languages:** JAVA, Python, Shell Scripting **Database:** MongoDB, MS SQL Server, MariaDB, MySQL  
**Applications:** Tableau, TWS, MSOffice, Photoshop **Web Technologies:** JavaScript, HTML5, CSS, MEAN Stack, PHP

## ACHIEVEMENTS

- IBM Call For Code Global Finalist – Top 3 (2019)
- Avaya Smart Project Competition – 1<sup>st</sup> Runner up (2016)
- Tech Mahindra Tech Hackathon – Winner (2016)
- Inducted into Facebook FBStart accelerator program for Skyline Labs (2014)