

AJIT RAJURKAR

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EDUCATION

Stony Brook University, New York -Master of Science in Computer and Information Science *Aug 2019 – Dec 2020*
(Courses: Data Science Fundamentals, Analysis of algorithms, Network Security, Big Data, Visualization)
College of Engineering, Pune -Bachelor of Technology in Computer Engineering (**CGPA: 8.18/10**) *July 2013 – May 2017*

WORK EXPERIENCE

Amazon Web Services - Summer Intern *May 2020 – August 2020*

- Design, implementation, and testing of log throttling for the data plane of AWS ELB
- Process each request, ensuring that load balancers do not consume excessive disk space by throttling repeated log messages; perform functional and load testing in production; resulted into 60% log file size reduction

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
- Automated daily team tasks and saved 30 hours/month of team efforts (Selenium, Shell script, Java)

Received Global Recognition Award for Stewardship and Excellence

Skyline Labs - Co – founder, Lead Developer (www.skylinelabs.in/) *May 2014 – July 2017*

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

PROJECTS

Sparrow Platform – Medical help in natural disasters *(Award: IBM Call for Code global 2nd place, 2019)*

- Open-source ecosystem to enable medical and psychological wellbeing
- Helps first responders in natural disasters, make information of third party services available
- LoRa based Mesh network to establish connectivity without traditional internet (*Mesh network*)
- Connect to doctors using any available chat app all over the world (*Twilio*)

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

- Platform to deploy, manage and analyze IOT devices
- 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*)

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, C, C++, Shell script **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 2nd Place (2019)
- Tech Mahindra Tech Hackathon – Winner (2016)
- Persistent Systems Pune Digital Hackathon 2nd Runner up (2016)
- Inducted into Facebook FBStart accelerator program for Skyline Labs (2014)