

AJIT RAJURKAR

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EDUCATION

Stony Brook University, New York -Master of Science in Computer Science (**GPA: 3.62/4**) *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 - SDE *March 2021 – Present*

- Deliver and maintain industry leading features for Application and Classic load balancer
- Tackle security vulnerabilities and provide prompt mitigation in data plane side of ALB/CLB

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*)

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: Python, C, C++, Ruby, Java **Database:** MongoDB, MS SQL Server, DynamoDB, MySQL
Applications: Tableau **Web Technologies:** JavaScript, HTML5, CSS, MEAN Stack, PHP

ACHIEVEMENTS

- IBM Call for Code Global 2nd Place (2019)
- Persistent Systems Pune Digital Hackathon 2nd Runner up (2016)
- Tech Mahindra Tech Hackathon – Winner (2016)
- Inducted into Facebook FBStart accelerator program for Skyline Labs (2014)