

# OMKAR SONSURKAR

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## SKILLS

Programming Languages: Java, Python, JavaScript, HTML/ CSS, SQL  
Platforms: Linux, Windows Server, ServiceNow  
Databases: MySQL, PostgreSQL, MongoDB  
Tools and Services: LDAP, Active Directory, Splunk, Git, Jupyter, VMware Workstation, Docker  
AWS: Lambda, API Gateway, Connect, SNS, SQS, Step Functions, Lex, Rekognition, Translate, Polly

## EDUCATION

**State University of New York at Binghamton** Binghamton, NY  
MS Computer Science *GPA: 3.3* Aug 2017 - May 2019

Enrolled Courses: Computer Architecture and Organization, Programming Languages, Programming Systems and Tools, Operating Systems, Design and Analysis of Computer Algorithms, Programming for the Web, IoT, Smart Devices and Sensing

**University of Mumbai** Mumbai, India  
BE Information Technology *GPA: 3.5* Aug 2011 - May 2014

## PROFESSIONAL EXPERIENCE

**Amazon** Herndon, VA  
*Cloud Engineer* Mar 2020 - Present

- Specialize in the DMS (Developer and Mobile services) family of services in addition to the core AWS services with an emphasis on serverless technologies
- Help global enterprise customers running cloud based mission-critical applications, systems and services with their design, development and troubleshooting by working directly with engineering and technology teams and utilizing technologies in AWS such as Serverless, Messaging and AI services to ensure any application as well as architectural issues are resolved as quickly as possible
- Provide assistance to the customers as an expert on the full line of AWS products and the customers architecture in support of strategy questions, project planning, launch, and ongoing operations
- Hire and develop the best by actively interviewing, mentoring and training as well as function as a Quality Champion for the team to ensure accurate and coherent solutions are provided to the customers
- Develop internal tools to automate manual processes as well as making them more efficient

**Radiant Logic** Novato, CA  
*Systems Engineer* Aug 2019 - Mar 2020

- Managed and collected customer architecture information, analyze logs, identify issues and provide best solutions
- Developed in-depth knowledge of Radiant Logic products and other technologies that interact with them such as directory servers, databases and networking tools
- Reproduced customer issues in the lab using the appropriate platform and test product functionality

**State University of New York at Binghamton** Binghamton, NY  
*Information Security Analyst - Student Assistant* Oct 2017 - May 2019

- Assisted the security operations team and generated reports and created workflows and service requests for the operations and infrastructure team
- Identified and analyzed security threats on Splunk Enterprise and monitored and resolved IT security incidents using ServiceNow
- Performed penetration testing to ensure system security using Kali Linux

**State of New York, Broom County Government** Binghamton, NY  
*Software Developer Intern* May 2018 - Aug 2018

- Developed a hybrid mobile app using jQuery and Bootstrap on PhoneGap for Android and iOS
- Gathered and refined specifications and requirements based on technical needs

**LTI** Mumbai, India  
*Systems Engineer* Dec 2014 - Mar 2017

- Worked as a ServiceNow consultant responsible for analyzing, investigating and resolving incidents and fulfilling service requests for international clients in a 24/7 environment
- Created workflows, reports and knowledge articles for future reference
- Assisted in building a service portal using Bootstrap and AngularJS

## PROJECTS

**Smart Brain** *ReactJS, Node.js, Express.js, PostgreSQL, Heroku*

Developed a full-stack web app which allows users to detect a face in an image using an image recognition API

**Image Steganography** *Node.js, Express.js, MongoDB*

Developed a web service for accessing images and hiding a message inside images using RESTful API

**Sapien** *Java, Arduino Uno, Android Studio*

Created a home automation system on Android to bring everyday electrical home appliances to life

**Natural Motion Gaming** *JavaScript, Unity3D*

Developed a video game which can be played using natural human gestures with the help of Xbox Kinect

## EXTRACURRICULAR AND VOLUNTEERISM

**Toastmasters International, Leaders and Learners** Vice President Public Relations

**Graduate Student Organization** Vice Chair of the Event Planning Committee

**International Student and Scholar Services** Leadership Volunteer

**Binghamton University Student Ambassador Program** Student Ambassador

**Amazon** Voice of the engineer (VOTE) Lead