

# MANISHA TRIPATHY

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<https://github.com/ManishaTripathy>

## EXPERIENCE

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### Senior Software Engineer, OCI-Oracle, Austin, TX

Jan2021- Present

- Ramped up as a domain expert in building the core component of Tier-Zero OCI Bastion service <https://www.oracle.com/security/cloud-security/bastion/>
- Streamlined and mitigated several service and operational pain points post release
- Designed and build Control Plane of OCI Managed Access Service <https://docs.oracle.com/en-us/iaas/Content/managed-access/overview.htm>
- Owned end to end features design and delivery as Dev lead.

### Applications Developer, VMware, Palo Alto, CA

Dec2018- Dec2020

- Designed and developed back-end java APIs for subscription platform
- Involved in complex API design, technical architecture review and implementation
- Performed code reviews, DevOps activities and end-to-end integration of microservices with other systems
- Worked in a global cross-functional environment collaborating efforts to troubleshoot time critical issues

### Software Engineer, Dell, Austin, TX

Jun2016 – Nov 2018

- Developed OpenShift container platform on OpenStack and launched web applications
- Analysed performance of OpenShift containers using RedHat CloudForms monitoring features
- Initiated and executed proof of concept analysis for Pivotal Container Service (PKS) on different cloud platforms
- Conference Participations: OpenStack summit, Boston, MA (May 2017); KubeCon, Austin, TX (December 2017)

### Research and Development Intern, Halliburton Landmark, Houston, TX

May 2015 – Aug2015

- Developed a highly scalable Spark based distributed data discovery platform in AWS
- Used Cassandra for data availability across Amazon EC2 nodes and visualized using IPython notebooks

### Systems Engineer, Tata Consultancy Services, Bangalore, India

Jul 2013 – Jul 2014

- Developed software using Temenos T24 platform that powered core banking operations and code deployment in

## SKILLS

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**Programming Languages:** Java, Python, GoLang(beginner)

**Back-End:** Microservices, REST APIs, Spring Boot, Mockito, Swagger, Flask

**DevOps:** Docker, Kubernetes, GitHub, CI/CD, Jenkins, Jira

**Databases:** RDBMS-MySQL, CRUD

**Cloud Computing:** OpenStack, PaaS-OpenShift, Pivotal Cloud Foundry

**Web Designing:**HTML5, CSS, JSON

## EDUCATION

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### Master of Computer Science

August 2014 – May

2016

Texas A&M University, College Station, TX

GPA: 3.6/4

### Bachelor of Technology in Electronics and Telecommunications Engineering

August 2009 – May

2013

Kalinga Institute of Industrial Training University, Bhubaneswar, Odisha, India

GPA: 8.95/10

## **PUBLICATION**

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**Patterns of students' success: how engineering students progress through a course sequence**

**January 2015**

Presented at Persistence and Retention. 122nd American Society for Engineering Education (ASEE) Annual Conference & Exposition. Seattle, WA