



# VIDUSHI SHARMA

## GET IN CONTACT



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305/64 J Block BRS Nagar, Ludhiana, India

## EDUCATION

**Thapar Institute of Engineering and Technology University, Patiala, India (2014–2018)**  
B.E. Computer Science , 9.03 GPA

**Sacred Heart Sen. Sec. School Ludhiana, India (2014)**  
Class XII Science CBSE, 93.40 %

## AREAS OF EXPERTISE

### Technical Languages:

Java, C , C++, Python , Prometheus, Typescript, HTML, CSS, Groovy, SQL, Mongo, Docker, FluentD

### Expertise Domains:

- Microservice Architecture Development using Spring Framework
- FrontEnd Development using Angular
- CI/CD Deployments using Jenkins
- Docker Container Deployments using Kubernetes based Helm Framework
- Site Reliability Engineering (Observability) using Prometheus and Wavefront

## ACHIEVEMENTS



**Thapar University Merit Scholarships, 2016 and 2017**

Felicitated for being in the top ten percentile of the branch for two years consecutively

## VOLUNTEER EXPERIENCE

**Mentor , VMware Taara Inclusion Project, Women Who Code**

Actively engaged in bringing women back to the technical industry after a career break by regularly conducting technical workshops and individual peer mentoring.

## WORK EXPERIENCE

### VMWARE

**Member of Technical Staff 2 | July 2019– Present**

**Member of Technical Staff 1 | July 2018– June 2019**



#### DevOps and Site Reliability Engineer (Observability):

- Hands on Experience of Writing Groovy DSLs to create CI/CD Jenkins Jobs.
- Expertise in creating Helm Charts for deployments of Docker Based Containers in Kubernetes Clusters running on AWS.
- Expertise in Setting up Monitoring Dashboards and Alerts for Kubernetes Clusters and Application Metrics using Telegraf and Prometheus based Metrics as well as AWS Cloudwatch Metrics in Wavefront. Alerts are setup using Webhooks for Slack and Pagerduty.
- Worked on Scrapping logs from Kubernetes Clusters using FluentD and sending them to VMware Log Insight Cloud using Cloud Proxies.



#### Software Development :

- Developed a Spring Based SaaS Deployment Controller Service for seamless deployments of more than 90+ SaaS Services in different Kubernetes Cluster based environments. The service is being used extensively across different cross geo teams and plays a crucial role in managing deployments in case of Kubernetes upgrades.
- Developed a Spring Service for analysing different Test Coverage reports such as Jacoco, Sonar and Cobertura and converting them into Prometheus Time Series Metrics for visualisation of the Code Quality of the Production Services in Wavefront or Data Dog.

## ACADEMIC INTERNSHIPS

### PRACTO TECHNOLOGIES PVT. LTD

#### Software Engineering Intern | Jan 2018 – June 2018

- Part of the Core Search Team which worked on adding new features to Lucene based Search and provide better suggestions to users in autocomplete.
- Improved the ranking algorithm of Practo to rank doctors by building new models. We used CTR Data of doctors to rank them and provide much more relevant suggestions which improved the conversion rates.

### PUNJAB REMOTE SENSING DEPARTMENT, PUNJAB GOVERNMENT

#### Android Application Development Intern | Jan 2018 – June 2018

- Created a Bilingual ( English and Punjabi ) Android Application 'Help Kisan' which aims to promote progressive farming.