

# Palash Srivastava

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4+ years' experience with hands-on experience on supporting, automating and optimizing mission critical deployments, CI/CD and DevOps processes.

## Skills

**Tools:** Docker, Kubernetes, ELK Stack, TeamCity, Chef, Puppet, Git  
**Cloud Technology:** OpenStack, EC2, S3, Lambda, Apache Spark, Splunk, Netflix Asgard, Amazon AWS.  
**Programming Languages:** Python, Perl, UNIX Shell, Bash, PowerShell. Currently exploring Go.  
**Databases:** MySQL, SQL Server, SQLite, Oracle, PostgreSQL, Sybase.

## Education

**MS Computer Science, University of Alabama in Huntsville, AL.** 2015-2016  
▪ Graduated with Honors. GPA- 3.9/4.0  
**Bachelor of Technology, IMS Engineering College,** 2011-2015  
▪ Certified Microsoft Technology Associate and Microsoft Certified Professional. GPA-3.5/4.0

## Experience

**Imagine Software - Technical Operations Engineer** Sept'19-Present  
▪ Experience in maintaining and executing build scripts to automate development and production builds.  
▪ Designed site aware disaster recovery environment that is always on standby and ready to switch in seconds.  
▪ Scripted Shell and Python script to manage alerts and monitoring for the running services.  
▪ Key-player for Docker deployments for Dev/UAT environment and setting up container orchestration using docker-swarm in prod  
▪ Extensively worked with Version Control Systems Git and Bitbucket including branching and tagging  
▪ Developed and maintained multiple Shell scripts to automate the daily jobs.  
▪ Assisted in using Build Automation tools like TeamCity  
▪ Designed the roadmap and assisted in the transition of WebApps from IIS servers to Docker

**FIS - Programmer Analyst** May'19- Sept'19  
▪ Collaborated with clients and put down the requirements provided for ACBS suite development.  
▪ Designed and developed data models, reports, interfaces using Oracle PL/SQL and SAP Business Objects  
▪ Assisted in creating high and low level architectural and data-designs for different enhancement

**FIS - Derivatives Analyst** Apr'17-May'19  
▪ Developed shell script for automating intraday jobs to run seamlessly.  
▪ Worked on FIS Core Applications for Futures and Options clearing like GMI and Clearvision.  
▪ Provided L2/L3 Support for the application breakdowns thus ensuring options clearing doesn't stop.  
▪ Scripted alert monitoring on ITRS Geneos to maintain stability of applications and servers.  
▪ Trained a batch of bots to do the real-time reconciliations of users accessing the applications for audit req.  
▪ Working with team to predict the market fluctuations for data logged to balance load over the servers and preventing them to crash mid-day using ML algorithm Scikit-learn, NumPy and Pandas.

**University of Alabama - Graduate Teaching Assistant** Aug'16-Dec'16  
▪ Evaluated student tests, graded assignments and prepared answer keys.  
▪ Designed lab workshops and study groups for students.  
▪ Assisted students in solving their problems and issues during office hours.

**Softek International Inc- Cloud Technology Associate** May'16-Aug'16  
▪ Designed and configured internal ELK stack for parsing AWS logs (CloudTrail and VPC Flow Logs).  
▪ Created AWS services dashboards for critical error detection and network stability.  
▪ Scripted Logstash Indexer file to fetch and parse the logs from AWS services and feed them directly to Elasticsearch for logging and monitoring and assisted in task automation using Netflix Asgard.

## Projects

### Tweeters

- Created a web application using Python web framework (Flask), using Google Maps API and Twitter API
- Performed multidimensional analysis of popularity (viral-ness) of tweets using Elastic and Kibana.

### Service Discovery using Bonjour

- Created a framework for service discovery in IOT based applications using Bonjour API.
- Design included client searches based on Bonjour's Lookup Service and server broadcasting all services.

## Achievements

- Captain of the college basketball team