





# Nishant Arora

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## Education

**SRM University** (May 2014 - May 2018)  
B. Tech., Computer Science and Engineering;  
CGPA: 8.86/10

## Skills

**Languages:** Python, C++, Java, HTML, CSS, JS

**Scripting:** Shell script and Python

**Technologies:** JBoss EAP 7.0/7.2, Apache Tomcat,  
Apache webserver 2.4, IBM MQ 8/9, Apache maven 3.3

**Automation Tools:** Jenkins, DeployHub, Docker,  
Ansible.

**Version Control:** Bitbucket, GitHub

**Cloud:** Microsoft Azure

**Security Tools:** HCL AppScan, OWASP ZAP,  
OWASP Dependency-check.

**SAST:** SonarQube and CAST highlight

**OS:** Red Hat Enterprise Linux (RHEL) and  
Windows.

## Projects

**Fake Product Review Monitoring Using Opinion Mining**  
(Final Year Project 2018)

- Worked on addressing the loopholes in product reviews on e-commerce websites.
- Designed and developed analysis systems to extract information from 1k+ product reviews posted online.
- Applied sentiment analysis to derive patterns in customer behavior through metrics such as negative phrase identification, sentiment score computation, and sentiment polarity.
- Optimized the model with spam dictionary to determine the degree of toxicity in the reviews.
- This project is still ongoing and has reached the development stage.
- My work was also published in the International Journal of Advances in Engineering and Management (IJAEM).

## Certifications

- Object Oriented Programming using C++ by NIIT Ltd.
- AZ-900: Microsoft Azure Fundamentals by Microsoft.
- Unisys CloudForte Azure Foundation by Unisys.
- Unisys DevSecOps for Software Developers by Unisys.

## Work

**Unisys Global Services India**, Bengaluru (IN)

**Development Engineer** **February 2020 - Present**

- Headed the DevOps team for the AirCore project.
- Cut release time by 15% by optimizing the AirCore product release activities for 4.7IC4, 6.0 and 6.1
- Slashed customer escalations by 30% with SaaS implementation using continuous integration, delivery, deployment, testing and monitoring.
- Developed sizable knowledge of DevOps automation processes for build and deploy systems.
- Migrated the AirCore application from on-prem to Microsoft Azure cloud and implemented Azure native services like Azure App Service, Azure Monitor, Azure Backup and VM auto-scaling.

**Associate Engineer** **July 2018 - February 2020**

- Collaborated with a close-knit team to set up JBoss EAP using the Mod Cluster concept in Apache web server.
- Boosted customer satisfaction by 20% by applying latest industry adopted technologies & frameworks.
- Instrumental in fixing security issues in the AirCore application reported by the HCL (then IBM) AppScan tool.
- Responsible for setting up Nexus Repository (GAV) and managing the artifacts in SNAPSHOTS, Development, Staging Releases and Releases.
- Involved in Shell scripting and Python scripting for automating the deployment of artifacts using Jenkins.
- Implemented "GitFlow workflow" branching strategy and automated the code merge and rebase activity in Bitbucket.
- Automated Security testing by integrating OWASP ZAP, OWASP Dependency-Check and HCL AppScan for cloud with Jenkins.

## Achievements

- Nominated for the Aspiring Leaders Program - Pathfinders, in Unisys at the Asia-Pacific (APAC) Region level for my outstanding performance and leadership skills. I have successfully graduated from the program.
- Awarded Succeed & Creativity Award: Recognition for excellent contribution in AirCore DevSecOps adoption.
- Awarded Succeed & Integrity Award: Recognition for leading DevOps Team with a great success.
- Received Spot Award for setting-up, owning, maintaining and automating multiple development Linux platforms.
- Secured 1st position in INNOVATE 2015, the National Level Technical Fest at SRM University.