

# Aman Kumar

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## EDUCATION

### USICT, GGSIPU

BTECH IN INFORMATION  
TECHNOLOGY

July 2019 | New Delhi, India  
CGPA: 8.27

## LINKS

Github:// amansharma00a  
LinkedIn:// amansharma00a  
Website:// amsysharma

## COURSEWORK

### CERTIFICATIONS

Certified **Oracle Cloud** Developer  
Java and Data Structures, Coding Blocks  
Certified **System Architect** (CSA), PEGA  
Certified Back-End Developer. KONY  
Machine Learning, Andrew Ng  
Python for Data Science and Machine  
Learning

## SKILLS

- Java
- Object Oriented Programming
- Data Structures and Algorithms
- Distributed systems
- **Architecture/API** : REST APIs, Microservices
- **Networking** : VPC, Subnets, SG, ACL, Route Tables, NAT Gateway, VPC Peering
- Terraform, Docker, Helm, Kubernetes
- **Scripting** : Python, Bash, Golang
- RabbitMQ, Mockito
- **Search** : ELK, Redis (Caching)
- **Cloud** : OCI, AWS, GCP
- **SCMS** : Github, Gitlab
- **CI/CD** : TeamCity, Jenkins
- **Monitoring** : Grafana, New Relic, AWS CloudWatch
- **Administrative Tool** : Jira, Agile Studio
- **Database** : MySQL (self managed, OCI ADB and AWS RDS), MongoDB, DynamoDB

## ACHIEVEMENTS

- OCI - **SPOT Award'23**
- **ACM-ICPC** (11/2018) - Rank 15
- Pega Cloud **Splash Award** - 2021
- Exceptional **Developer of the Year** Kony - 2019
- DRDO Cyber Challenge - 8th Rank

## EXPERIENCE

### OCI, ORACLE | SOFTWARE DEVELOPMENT ENGINEER II

March 2022 – Current | Bengaluru

- Oracle Cloud Guard is an Oracle Cloud Infrastructure service that helps customers monitor, identify, achieve, and maintain a strong security posture on Oracle Cloud.
- Experienced in developing and maintaining both **infrastructure and applications** from scratch.
- Implemented **pod disruption budget** (PDB) and **role-based access control** (RBAC) in helm charts to secure all micro-services for Cloud Guard.
- Designed and implemented new features for Cloud Guard, such as the ability to **problem detection and respond to malicious activities**.
- Led a team of engineers in improving the **scalability of Cloud Guard, increasing its capacity by 10x and reducing API response times by 30 percent**. This enabled us to onboard new customers at a faster rate and meet the growing demand for Cloud Guard's security services.
- Developed few applications for **automating** the work of multiple teams of OCI.
- Successfully **delivered Cloud Guard to customers**, and received positive feedback for its ease of use and effectiveness.

### PEGASYSTEMS | SOFTWARE ENGINEER

DEC 2020 – March 2022 | Hyderabad

- Involved in creating different **REST Endpoints and Microservices** for supporting different type of features in PEGA Product.
- Managing outdated dependencies of microservices to remove **security vulnerabilities**.
- Work as part of our backend team and be responsible for diverse and challenging backend development efforts.
- Tested the code written using Junit, Mockito and tested the service using Postman.
- Highly focused on development of scalable and secure microservices to support applications used by Millions of customers.
- Involved in grooming, planning, estimating stories and identifying dependencies with the release train engineer, product owners, scrum masters and teams.
- Review development work of other developers or be called on as a resource to investigate and resolve product issues.
- Performed **integration of backend API's** with the UI Client

### KONY, INC | ASSOCIATE SOFTWARE ENGINEER

June 2019 – Nov 2020 | Hyderabad

- Working as a developer in developing Online Banking applications (mainly USA banks).
- Implemented **Responsive web application** for one of the credit Union bank app where several modules Accounts, Card Management, Settings, Transaction, Login are being handled from scratch.
- Enhanced user interface using Responsive Web Interface, Supporting Desktop, Mobile, Tablet and SPA Apps.
- Includes UI development, functionalities and **backend integration of the app**, keeping in mind the security aspects of the project.