

# GAURAV PANDEY

**Software Engineer**  
**Master of Computer Applications**

More than 2 years of industry experience in designing, developing and managing apps. Experience in migrating monolith application to microservices, also experience in developing the application from scratch.

## Contact

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## Education

**Harcourt Butler Technical University**  
Kanpur • 2017  
Master of Computer Applications

## Honors and Awards

**Monocept Recognition Program • Jan 2020**  
Delivering Customer Value

**Key Contributor Award • Dec 2019**  
valued contribution in Docker Compose Delivery

**Monocept Recognition Program • Oct 2019**  
Engineering Excellence, Problem Solving

## Technical Skills

- Java
- Python
- Spring Boot
- Restful Webservices
- Microservices
- Docker
- Kubernetes
- Jenkins
- Algorithms
- Data Structure

## Work History

### NCR Authentic

Aug 2019 - current

**NCR Corporation, Hyderabad (Contract)**

A highly secure transaction-processing platform for payments business. Which can be used in central switch, bank or processor handling card transactions, alternative payments or real-time payments.

- Migrate the application from monolith to microservices, and make it cloud agnostic.
- Dockerize the existing application into smaller components.
- Refactor the workflow.
- **Tech** : Java, Spring-Cloud, Docker, EFK, Kubernetes, RabbitMQ
- **Tools** : Prometheus, Grafana, Jenkins, Harness
- **Cloud** : AWS, Azure

### Monolens

Feb 2018 – July 2019

**Monocept Consulting Pvt Ltd, Hyderabad**

An application that scans the image and converts the binary printed text to structured machine-encoded text, it also useful to mask the sensitive data on image.

- Create the whole application from scratch.
- Uses own trained OCR engine to read text from image.
- Wrote the algorithms for efficient search and parse the raw OCR output to structured data.
- Create webservice for providing the result data in various formats.
- **Tech** : Python, flask, restful webservice, openCV
- **Tools** : Tesseract-OCR
- **Cloud** : Azure