

Akshansh Jain

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Passionate learner and Developer with overall 5 years of experience in the field of Software Development. Currently dedicated to contributing valuable expertise at Snapdeal.

SKILLS & TECHNOLOGIES

Languages(Java, Python) | **Spring**(Spring Boot, Hibernate, JPA) | **Flask** | **Django** | **Image Processing**(OpenCV, Pillow) | **Video Processing**(FFMPEG, HLS, h265, vp9) | **Databases**(NoSQL: Cassandra, MongoDB, Redis | MySQL) | **Cloud**(AWS, Lambda, EC2, S3) | **Microservices** | **Messaging-Queues**(Kafka, Redis) | **Kubernetes** | **Docker** | **Linux**(Bash) | **CMD** | **Git** | **Maven** | **CI/CD**

EXPERIENCE

SENIOR SOFTWARE ENGINEER | SNAPDEAL | 04/2022 - PRESENT

- Designed and developed features on components like Mobapi, Identity Management System, User Management System, Central Merchandising Platform, Reviews and Ratings, Selfies, ImageTransformationService, ONDC etc.
- Integrated Snapdeal with ONDC, involved in handling all data processing from snapdeal to ONDC and Plotch.
- Worked on image transformation service using OpenCV for resizing images to different resolutions, enhancing image quality through noise reduction, sharpening, and contrast adjustment techniques, and optimizing storage by converting images to efficient formats like JPEG, JPG, PNG, etc.
- Worked with ffmpeg in creating hls stream file for streaming product videos on PDP page with a functionality of streaming videos to users according to their bandwidth.
- Designed and developed complete flow for generation and verification feature for BOB credit card applications including OTP feature, mandatory checks, pan verification and other api's, etc.
- Designed and implemented the otpless feature on the login and signup pages, resulting in 40% reduction in authentication time and enhanced user experience while maintaining stringent security standards.
- Designed and developed caching feature in multiple components, used Aerospike as caching service resulting in reduced overall response time by 30 - 40%.
- Collaborated with cross-functional teams to streamline the RCM process, resulting in improved communication and more efficient resolution of software requests.

SOFTWARE DEVELOPER | AMDOCS | 09/2019 - 04/2022

- Amdocs Data Hub is one of the products of the Amdocs Intelligence in Action suite (AIA). It has been developed to load the data from different sources such as DB/file.
- Involved in developing 'Collectors', a module responsible for loading data from different input sources such as Kafka and Nexus Repository. It is a Java Application that uses Kafka as messaging channel, Spark as a processing engine, HBase for creating source DB replica and Hive as a system to store the result.
- Developed framework for auditing of data processed through multiple modules involved across the product.

ANDROID DEVELOPER INTERN | NOVOSALUS TECHNOLOGIES | 04/2018 - 06/2018

- Developed an app called Signal to report adverse event that are caused by drugs (medicines). Set of predefined questions were shown in the app with different questions leading to different flow.
- At any time, previous data can be accessed and modified. At last the report is generated and can be sent to predefined contacts or default organizations business owners provide.

EDUCATION

BTech | Computer Science | WIT Solapur | 2015 - 2019

INTERESTS

Badminton | Chess | Team Gaming | Swimming | Books