

Nilesh Naraniwal

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EDUCATION

- **Birla Institute of Technology and Science (BITS), Pilani** Pilani, India
B.E.(Hons.) Manufacturing Engineering; CGPA: 7/10.0 2014 – 2018
- **Sangam School of Excellence** Bhilwara, India
Std. XII - Physics, Chemistry, Maths; 86% 2013

TECHNICAL PROFICIENCY

- **Languages:** Java, JavaScript
- **Technologies:** Kafka, AWS services: Lambda, DynamoDB, CloudFormation, LoadBalancer, SNS, SQS, API Gateway, S3
- **Database:** CosmosDB, DynamoDB
- **UI:** ReactJS, Typescript, Flow, Redux
- **Others:** Spring framework, RESTful APIs, Multi-threading, Git

EXPERIENCE

- **Amazon** Bangalore, India
Software Development Engineer, Amazon Fulfilment Technology June 2020 - Present
 - **Domain Migration:** Designed and implemented the solution to migrate the domain of AFT tools used in warehouses from ".amazon.com" to ".amazonoperations.app" URL to mitigate the security risk as per Amazon InfoSec policies. This solution included the domain agnostic custom filter and region based redirection mechanism, while also maintaining the backward compatibility.
 - **Inventory Migration Webapp:** Designed and developed the inventory migration UI for the operations team, which helped to migrate the inventory from 3rd party warehouses to Amazon warehouse. Also, implemented the AWS lambda function and API gateway to integrate the UI with backend service and DynamoDB, reduced 2 days of SDE effort and operational workload per migration.
 - **Monitoring and Automation:** Developed a solution to automate the cloudwatch alarm and notification mechanism of AWS cloud infrastructure for warehouse tools using the AWS cloud-formation, helped 30+ tool teams to easily monitor any issue during the Prime Days in 2021.
- **UBS** Pune, India
Software Development Engineer July 2018 - May 2020
 - **Extract, transform, load Instrument Data:** Developed the pipeline for extracting the instruments data from different upstreams, transforming and producing to Kafka and loading the data to Cosmos. Also, enabled the Azure search and implemented the rest API, which is used by UBS NEO UI and other clients.
 - **Events Tracking:** Designed and developed the POC model for tracking client event of 250+ teams on UBS NEO UI.
 - **Environment Health Check Portal:** Developed a web application to send template based email notifications to 15+ teams in a multi-tenant environment.
- **ReportGarden Technologies Pvt Ltd** Hyderabad, India
Software Development Engineer July 2017 - Dec 2017
 - **Automate Facebook Ad creation:** Worked on the AdvertKit UI which uses Facebook Ads-manager API to simplify the Ad creation on Facebook and Instagram. Implementing the new feature campaign split and migrated the code to Redux and Flow, reduced the creation time of a campaign by 80%

AWARDS AND CERTIFICATIONS

- **AWS Certification:** Successfully completed 3 days of training "Architecting on AWS" (including lab projects) conducted in Amazon India.
- **UBS Algocup:** Secured 6th rank globally in an Algocup organized within UBS.
- **NPTEL Certified:** Completed the Programming, Data structure and algorithms with Elite certificate.