Vanshika Sharma

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EDUCATION

PUNJAB ENGINEERING COLLEGE UNIVERSITY OF TECHNOLOGY, CHANDIGARH
B.Tech in CSE
CGPA : 8.23 (2019)

ARMY PUBLIC SCHOOL, SAMBA
Class XII (2015) - 95%
Class X (2013) - CGPA 10

SKILLS

PROGRAMMING
• Python • Java • C++
• Javascript

TECHNOLOGY
• Serverless • AWS Lambda
• Stepfunctions • SQS • S3
• ElasticSearch • Dynamodb
• SQL • Redis • Kafka
• Angular • Kubernetes • Nodejs
• Apache Jmeter • SpringBoot

ACHIEVEMENTS

•Awarded scholarship by Prime Minister Special Scholarship Scheme for J&K Students under AICTE for 4 years of my graduate study at PEC.
• Awarded the School Topper award for year 2015-16

RESPONSIBILITIES

• Mentored the interns / new joinee at Delhivery
• Member of Organising Committees of various Annual-Techno Cultural events like PECFEST, Techadroit and Annual Sports Meet.
• Member of the Implementation Body of IEEE PEC Student Branch

EXPERIENCE

DELHIVERY SDE | LTL(Low Truck Load) FREIGHT BUSINESS
June 2020 – Present | Gurugram, India

- LTL Billing Automation
  - Owned the end to end capability aiming at automating the Billing Systems for B2B clients, resulting in 90% decrease in time spent for manual billing.
  - Built a micro-service that computes freight and create real-time invoices based on their invoice cycle
  - Built services for manual overriding the charge overheads and gstn
- SC Dispatcher
  - Developed a service for Service center operators to reduce the time & manual errors in Last Mile dispatched by aggregating shipments based on route,slots,vehicle capacity & picking order.
- Reverse Pickup Manifestation
  - Built a widget and modified the manifestation and tracking service for implant users to bulk manifest the shipments in reverse flow & track them on LTL Panel
- LR Level tracking for Multi Piece Shipments Dissociation's
  - Built services to track the status of LR & individual package in a MPS, thus reducing the manual efforts in coordinating between the client & the team

OYO Software Development Engineer | Global Search & Ranking
July 2019 – June 2020 | Gurugram, India

- FREE TEXT SEARCH SUPPORT IN AUTOCOMPLETE
  - Built a Name Entity Recognition model for Keyword Search using Stanford CoreNLP & CRF Classifier and integrated that with the autocomplete search and suggestion service.
- INTERNATIONAL LOCATION DATA POPULATION ALGORITHM
  - Optimised an algorithm for fetching internal locations/ Point of Interest by pulling data from OSM(Open Street Maps), leading to a ~60% reduction in run time(1 week to 3 days), saving ~$100K.
- FEATURE CONTROL SERVICE
  - Built a low latency, high throughput service that provides flexibility to enable any feature at country , city , platform or version level and allows product managers to control this configuration by a simple UI.
- MIGRATION TO KUBERNETES
  - Migration of search microservices to kubernetes from elasticbeanstalk with proper load testing using Apache Jmeter.
- RECENT & RECOMMENDED SEARCHES
  - Built a low latency service that is used to suggest real-time top filters among a city by monitoring users recent history.
- SEARCH IMPROVEMENT LOGIC IMPLEMENTATION
  - Worked on key projects like search redirection, zero search reduction , guided filters , sold-out hotel redirection to improve the user search experience

INTERNSHIP

GEEKSFORGEEKS Problem Curator & Content Reviewer
January 2018 - June 2018 | Noida, India

  - Worked as a Problem Curator where I designed problems on practice portal related to Data Structures, Algorithms and languages
  - As a Content Reviewer , I reviewed articles on various categories related to CS subjects
  - Worked on a project GEEKS CLASSES, organised coursework, made assignments and weekly contest