Rohit Jain
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Education

Northeastern University, Boston, MA

Master of Science in Information Systems (December 2020) **GPA: 3.78**

Technical Skills

- **Programming Languages**: Python3, Java
- **Web Technologies**: Django Rest, Django, Flask, React, HTML, CSS
- **Database**: SQL, PostgreSQL, AWS(RDS, DynamoDB)
- **Cloud Technologies**: AWS (EC2, Cognito, CloudWatch, S3, KMS, IAM, Route53, Autoscaling, Elastic Search)
- **Software & Tools**: Docker, Git, Tableau, Jupyter, SSIS, Android Studio, Postman, Pandas, Nginx, Perspective
- **Design Patterns:** Singleton, Factory Method, Proxy, Adapter, Iterator, Visitor

Professional Experience

New York Life R&D Lab | Cloud Software Engineer Co-op | New York, NY   June 2019 - December 2019

- Associated in requirement collection, development and deployment of the applications which helps insurance annuity team to manage, store and process annuity data through, followed Agile methodology
- Developed API's in Django Rest framework to clean and manipulate bulk data of 10,000 records for data operations of multiple sheets based on business conditions
- Conceptualized RBAC system through AWS Cognito; Configured AWS CloudWatch for code, system & errors logs
- Auto-scaled EC2 instances using Launch Configuration, Auto Scaling group and executed user data shell script for spinning up Django server
- Built a spring boot microservice to perform client-side and server-side encryption (AWS KMS) to store files in S3

Ingram Micro | Software Engineer | Mumbai, India   July 2016 - July 2018

- Developed 30+ scalable system application in Java and web application in Java, HTML, CSS, Javascript for order processing
- Formalized legacy applications, integrated 13 order processing system into single service, improving CPU utilization by 5%
- Created tool for cross country migration of 40,000 server data files
- Facilitated team to automate and improve mail order reading in Outlook VBScript, Email Exchange Server
- Produced 6 vendor reports daily with at least 2,000 records for analysis through SSIS

Apps Daily Solution Pvt Ltd | Software Intern | Mumbai, India   December 2015 - January 2016

- Constructed functionalities for a mobile application used for registering new users in Java, SQLite
- Programmed a module to detect IMEI and sensor conditions to verify legitimate android devices for insurance

Projects

Labor Lance – Post Covid 19 (Django, React, Keras, PostgreSQL)   March 2020 – Present

- Developed web-app to address informal sector job situation post Covid 19 in Django, React and PostgreSQL
- Design proximity server using location Grid and enhanced search using Trie for faster access

Stock Investment Strategy (Python, React, Perspective)   April 2020 - May 2020

- Continuously fetched and presented 2 stocks data, its ratio using Python, React and Visualize in Perspective
- Calculated upper & lower bound, 50 day moving average and generated alert for investor to build a strategy

M-Sanitation (Java, MySql, Android, RESTful API)   January 2019 - March 2019

- Curated organizational based application to track user sanitation need in Java, SQL
- Engineered a citizen-based application in Android resulting in users being able to track sanitation needs

Specialization and Certification

- **Specialization:** Deep Learning Specialization, Coursera, April 2020
- Software Engineering Virtual Experience, JP Morgan Chase & Co., May 2020