Rohit Jain

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Education

Northeastern University, Boston, MA

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

Technical Skills

- **Programming Languages**: Python3, Java, C#
- **Web Technologies**: Django Rest, Flask, React, HTML, CSS
- **Database**: SQL(PostgreSQL, MS-SQL), NoSQL(MongoDB), AWS(RDS, DynamoDB,)
- **Cloud Technologies**: AWS (EC2, Cognito, CloudWatch, S3, KMS, IAM, Route53, Autoscaling, Elastic Search)
- **Software & Tools**: Docker, Kubernetes, Ambassador API gateway, Git, Postman, Kafka, Ansible
- **Design Patterns:** Singleton, Factory Method, Proxy, Adapter, Iterator, Visitor

Professional Experience

Northeastern University | Graduate Teaching Assistant | Boston, MA   Sep 2020- Present
- Worked with Prof. Yizhen Zhao as her Teaching Assistant for the course High-Performance Coding
- Helped a class of 30 students with their journey in logical high-performance coding by effectively solving any doubts, giving suggestions on improvements of their methods
- Aided in creating an inclusive learning environment for all learners.

New York Life R&D Lab | Cloud Software Engineer Co-op | New York, NY   Jun 2019 - Dec 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   Jul 2016 - Jul 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

Projects

Safe Life – Daily Solution (Flask, MongoDB, Kubernetes, Docker, Kafka, Ambassador)   Jul 2020 - Present
- Developed backend microservices to authenticate, book services using Flask, MongoDB, Kafka
- Orchestrated services using Docker and Kubernetes also used ingress controller - Ambassador API gateway to route to appropriate service

Labor Lance – Post Covid 19 (Django, React, Keras, PostgreSQL)   Apr 2020 – Sep 2020
- 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)   Jan 2020 - Mar 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

Specialization and Certification

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