Kanishk Verma

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EDUCATION

Netaji Subhas Institute of Technology   New Delhi
Bachelors Of Engineering in Computer Science   *8.3 CGPA, May 2016 - Jun 2020*

EXPERIENCE

Analyst at Goldman Sachs   Feb 2022 - Present
Benguluru
- Designed and developed the Marcus.com website from scratch on **Adobe Experience Manager**, serving **13 million** retail banking customers with microservices for content management.
- Optimized scalability of the application using Spring Boot-based microservices for statement generation across multiple businesses with a cluster of **10 nodes**, generating up to 2**80 PDFs per second**.
- Developed Java libraries for content conversion, PDF generation, data archival, and more, published to internal **Maven** repository for use across multiple teams.
- Built an **AWS Kendra**-powered search application with **Trie** data structure-based caching strategies to reduce latency by 35 %.
- Implemented **CI/CD** pipelines on **GitLab** and its runners for continuous deployment.

Software Developer at Amazon   Aug 2021 - Feb 2022
Chennai
- Developed and implemented a bounty payment automation system for FireTV Devices using native **AWS technologies**, including **AWS Lambda**, **Amazon SNS**, and **Amazon SQS**. Leveraged Amazon Relational Database Service (**Amazon RDS**) to create an **event-based** approval system for different team workflows.
- Utilized **AWS Glue** for **ETL** to generate reports, and stored the reports in S3 for future access. Implemented an asynchronous system with **CloudWatch** logs and a retry mechanism of 3 times to ensure optimal performance, **QPS 1**
- Demonstrated leadership principles of customer obsession and delivering results, which were prioritized during the project.

Software developer at Deutsche Telekom Digital Labs   Jun 2020 - Aug 2021
Gurgaon
- Built a Catalog Management Project (**CMS**) from scratch for the One-shop platform, demonstrating technical and project management skills.
- Contributed to a Spring Boot e-commerce Microservices project, implementing **Zookeeper** and Feign clients with **ACID** properties for inventory functionality.
- Utilized **Redis** for session details to enhance application performance.

PROJECTS

KanishkCodes.com | *Github, Gatsby, Netlify*   Dec 2022 - Present
- Blogging website built with **netify** cms and **gatsby** template for publishing blogs for the tech enthusiast
- Step-By-Step instruction on how to become efficient in **problem-solving** and **technical skills** required for the newbie coders.
- **github** master branch used for quick and hassle-free deployments with CI/CD.

HAND GESTURE BASED SMART ASSISTANT | *OpenCV, Keras, Python*
- Developed a Smart bot using Machine Learning, Computer Graphics, and Image Processing algorithms to recognize hand gestures and take corresponding configured actions, Whole database self-created.

TECHNICAL SKILLS

Languages: Java, C, C++, Python
Databases: SQL (Postgres), MongoDB, ElasticSearch, Redis, Amazon RDS
Frameworks: Spring, SpringBoot, Hibernate
Developer Tools: Git, Visual Studio, IntelliJ, Eclipse, AWS, Kafka