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**EMPLOYMENT****Senior Software Engineer****HSBC****July 2018**

GBM – MOT- REC Team

- Built the full stack Django application named SAMWAAD – an alert and monitoring tool for DUCO (reconciliation tool) helped keep tracks of access and process completion status.
- Developed SRO Bot an automated tool built using Django application, helped assign incidents and extract relevant mails corresponding to the reconciliation tool.

GPB - Data Hub Team

- Worked in the Global Private Banking, Data Services Team to Migrate Hadoop ETL onto GCP & AWS
- Lead the design and development of the customized infrastructure deployment code in python which creates/modifies various GCP services used to store, monitor ETL execution.
- Built a monitoring dashboard using Data Studio via Big Query Connector on authorized views, to enable end users to visualize and perform data quality checks on transformed data.
- Using AWS Cloud Formation built a custom template for centralized management of resources like S3, VPC, DynamoDB in order to support consistent governance, security and compliance requirement.
- Using AWS CloudTrail with Kibana curated a dashboard to monitor audit logs and create security alarms.
- Migrated on-premise server to serverless AWS System comprising of API Gateway, DyanamoDB & Lambda which reduced dev-ops, cost, and maintenance, and enabled wide-reach to customers.
- Created bash & python scripts to perform data cleaning in hdfs using Control-M as job scheduler
- Decreased batch processing time by 38% by restructuring SQL code and by redesigning the ETL process into smaller independent multiprocessing batches.

**Android Developer, Intern****IOCL****July 2017 – Aug 2017**

- Developed an android application prototype, that helped to convert sign language into text and vice-versa, the objective was to enable real-time sign language detection.

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**EDUCATION****New Delhi, India****Bharati Vidyapeeth Deemed University****July 2014 – July 2018**

- B Tech. in Computer and Information Science. 81.4%

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**TECHNICAL EXPERIENCE****Projects**

- **Agro Inc (2018)**. Developed an android application, integrated with CNN pre-trained model to classify disease in plants and further recommend fertilizers to farmers to cure the land. Project grabbed the second position under Smart India Hackathon 2018 Initiative under Agriculture Sector. C++, MFC

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**ADDITIONAL EXPERIENCE AND AWARDS**

- **AWS Solution Architect Associate (Jan 2020 – 2023)**
- **Innovation Star**: Recognized and appraised by Head & CEO of Global Private Banking for creating Automation Tools to perform Data Compliance & Data Validation Checks.
- **Agile Player**: Ranked Under Top 25 Engineers for consecutive 3 months in HTI India to produce bug free production deliveries and following the Agile Practice.

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**Languages and Technologies**

- C++; Python; Java; SQL; JavaScript; HTML; CSS; Django; ReactJS
- AWS; GCP;