

Chinmay Gandhi

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Education

Masters, Data Architecture and Management

Northeastern University, Boston, MA

April 2024

- GPA: 3.85/4.00
- Relevant courses: Designing Data Architecture and Business Intelligence, Database Management and Database Design, Data Science Engineering with Python, Data Visualization

Bachelor of Engineering, Computer Science

University of Mumbai, Mumbai, India

June 2019

- GPA: 3.50/4.00

Experience

Senior Software Engineer

August 2020 - August 2022

Larsen and Toubro Infotech, Mumbai, India

- Adapted to organizational needs by assuming 3 roles as software engineer, data engineer, support engineer
- Devised user stories in CRM D365 by writing JavaScript's, plugins, business rules, workflows, code activities
- Executed, tested CRM solutions/packages and deployed using CI/CD pipelines (Azure DevOps) under AGILE
- Conducted data cleaning, analysis, validation via SQL procedures, queries in MS SQL for 600K+ records
- Constructed SSIS - ETL pipelines for migrating 600K+ records to CRM via RDBMS
- Achieved performance optimization resulting in 90% time reduction by building ETL pipelines on ADF
- Integrated D365 CRM with 5+ systems by writing Azure App functions, Azure Service Bus queues etc.
- Created BI dashboards/charts in D365 similar to Power BI/Tableau for 5000+ users aligned with security roles privileges
- Awarded exclusive certificate by client [OTIS - Global DT CRM Director] for data migration
- Led HyperCare support team for providing technical support to 5000+ users in 70+ countries
- Implemented Microsoft stack [TFS, Git, Azure, MS SQL, .NET, C, Azure DevOps, SSIS, SSRS] for SDLC
- Automated smoke testing causing total testing time reduction from 6 hours to 1 hour

Graduate Engineer Trainee

August 2019 - August 2020

Larsen and Toubro Infotech, Mumbai, India

- Developed plugin automation testing tool in C#, .NET, JavaScript to achieve unit testing of plugins in CRM
- Handled critical implementation of masking and unmasking SSN for increased security
- Programmed RESTful API in CRM D365 application helping in 60% time reduction in retrieval of data
- Resolved 200+ technical customer queries per month and generated RCA document

Projects

AWS serverless stack

May 2023 - May 2023

- Developed a java-maven project for getting 1369 jokes data from public API into DynamoDB table with lambda function
- Created a SNS topic subscription model to send joke stored in dynamo DB table to registered email address Published an AWS API gateway for end to end processing of full model
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NYC Accidents Modelling & Visualization

February 2023 - April 2023

- Implemented data profiling using python, data cleaning using pre-staging strategy and pushed 1.8B records into staging tables and error tables in MS SQL
- Formulated dimensional model and ETL pipelines in Alteryx & Talend to insert 2.5B+ records into facts and dimensions
- Designed dashboards and reports in Microsoft PowerBI and Tableau to analyze trends and results of NYC collisions

Technical Skills

Languages: Python, C/, .Net, JAVA, SQL, HTML, CSS

SQL: MySQL, Oracle DB, Microsoft SQL Server, PostgreSQL

ETL Tools: SSIS, Alteryx, Talend, ADF

Cloud Tools: AWS (lambda, APIs, SNS, DynamoDB), Power BI, Tableau, Azure, Dynamics 365 CRM, Power Platform

Python/ML Frameworks: Keras, PyTorch, Scikit-learn, Matplotlib, TensorFlow, Theano, Seaborn, Plotly