Chinmay Gandi

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Education

Master of Science, Data Architecture and Management (GPA: 3.7/4.0)
Northeastern University, Boston, MA   Aug 2024

Bachelor of Engineering, Computer Engineering (GPA: 3.6/4.0)
University of Mumbai, Mumbai, India   May 2019

Certifications

- Azure Developer Associate (AZ-204)
- HashiCorp Terraform Associate (003)
- Microsoft Dynamics 365 + Power Platform Solution Architect (MB-600)
- Google Cloud Professional Cloud DevOps Engineer

Work Experience

Data Engineering Intern (Graduate Internship)   Jan 2024 - Apr 2024
Atyeti Inc   *New York City, NY*

- Pioneered the role of **Data & DevOps** engineer (cloud), leading to creation of a CI/CD pipeline for a vital internal tool
- Created a simple web application using HTML, CSS, **NodeJs** to have a beta version of the internal tool and hosted it to GCP
- Handled infrastructure creation utilizing **Terraform**, comprising GCP compute engine, SQL server, **Neo4j** and **Docker**
- Built **CI/CD** with **GitHub Actions**, Docker, Node.js cutting deployment execution time by 20% and raising overall efficiency by 30%
- Developed POCs to move existing Alteryx workflows from on-premises to GCP VMs using live and static data source
- Translated product requirements into technical design and implementation plan on JIRA for front end, backend, and CI/CD teams

Senior Software Engineer   Aug 2020 - Aug 2022
Larsen and Toubro Infotech   *Mumbai, India*

- Led HyperCare Support team that provided customer support with more severe SLAs leading to **5000+** users across **70+** countries
- Delivered two e2e scalable CRM tool using full stack development [Git, .NET, C#, Azure, SSIS, SSRS, Dynamics 365] in Agile
- Developed **50+** features by writing plugins, workflows in C#/.NET, java scripts via TDD approach actively used by 6K+ users
- Integrated .NET app (CRM) with **5+ external systems** through **Azure** app functions and **Azure** service bus queues in C#
- Configured Azure App Insights, Azure Blob Storage, Azure **MSSQL** servers for the CRM systems during data migration
- Automated smoke & unit testing via selenium, C#, playwright attaining reduction in testing time from **6** hours to **1** hour
- Scripted SSIS ETL pipelines to migrate **600k+ records** from legacy apps to Dynamics 365 that enabled customers to use CRM cloud
- Optimized data pipeline on Azure Data Factory that improved data migration efficiency and reduced processing time by **90%**
- Programmed automatic ticket updating in ServiceNow by C#, selenium web driver resulting in monthly time savings of **30** hours

Graduate Engineer Trainee   Aug 2019 - Aug 2020
Larsen and Toubro Infotech   *Mumbai, India*

- Developed automated plugin testing tool in C#, .NET to achieve unit testing of plugins in **Dynamics 365** in offline environment
- Handled development of critical user story of masking and unmasking SSN for increased security at form level
- Programmed common **REST-API** in application helping in 60% time reduction in retrieval of data for other JavaScript functions
- Implemented **5+** user stories in **Dynamics 365 CRM** by writing java scripts, C#, .NET, plugins, code activities, business rules

Skills

Languages: Python, C#, .Net, JAVA, SQL, HTML, CSS, JQuery, Javascript
Databases: MySQL, Oracle DB, Microsoft SQL Server, PostgreSQL
ETL: SSIS, Alteryx, Talend, ADF, Airflow, Spark
Cloud: Terraform, AWS, Google Cloud Platform, Azure, Power BI, Tableau, Dynamics 365, Power Platform, Power automate, Docker, Snowflake, Streamlit, FASTAPI, Nougat, PyPDF, Pinecone, Kubernetes, GitHub actions, Playwright

Projects

Roomies – [Python, Streamlit, PostgreSQL, Spark, AWS Fargate, AWS lambda, AWS ECR, Pinecone]   Jan 2024 - Mar 2024
- Devised Python app for finding rooms & roommates as per user preferences and geographical distance in PostGreSQL
- Managed data replication using Pinecone and PostgreSQL through Spark pipeline triggered by a lambda function
- Established an API gateway for requests handling and triggered AWS Fargate via Docker image of Spark pipeline in AWS ECR

Jokes – [AWS serverless stack - AWS CDK, SNS, Lambda, API Gateway, Dynamo DB]   May 2023 - May 2023
- Launched an API in a java-maven project for getting **1369** jokes data in JSON into DynamoDB table with lambda function
- Modeled a SNS topic subscription model to send joke stored in dynamo DB table to registered email address
- Published an API gateway for end to end processing of requests and responses via lambda function