

Amit Naik

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Professional Summary

Computer Science graduate with an interest in Data Analytics, Data Engineering and Cloud. I have 2 years of industrial experience working on Cloud technologies like GCP and Azure, as well as working on Big Data systems.

Academic History

Virginia Tech

Masters of Computer Science | August 2017 - May 2019

GPA - 3.70/4.00

Pune Institute of Computer Technology

Bachelor of Engineering in Computer Engineering | August 2013 - May 2017

CGPA - 9.00/10.00 (First Class with Distinction)

Work Experience

Cloud Architect 2

Humana | February 2021 - Present

- Developed architecture flows as well as blueprints for various use-cases primarily being on GCP for the creation of FHIR API's.
- Assisted the development team with their issues.
- Worked on data analysis as well as responsible for creating small POC's to be used by the development teams.
- Worked with clients in forming requirements for use-cases.
- Focused on creating efficient and reliable architectures which could later be re-used.

Cognitive/Machine Learning Professional 2

Humana | July 2019 - January 2021

Lead developer for creating a model for our financial reserves to predict Incurred But Not Reported (IBNR) amounts for Humana.

- CI/CD pipelines to deploy resources onto Azure using **Terraform**. (Storage account, Azure Data Factory, Azure Databricks).
- Developed **Sqoop/Bash** scripts to migrate on-prem data from Hadoop onto Azure Storage accounts.
- Created **Azure Data Factory** pipelines for migrating data between storage accounts and also initializing **Azure Databricks** Notebooks for **feature engineering** and **model training**.
- Perform feature engineering, consolidation of tables, and applying machine learning algorithms (Gradient Boosting) in PySpark using Azure Databricks Notebooks

Data Analyst Intern

Humana | May 2018 - July 2018

- Developed a platform for assessing the quality of data and it's critique by users.
 - Performed **ingestion** and **profiling** of data from **HBase** and **Hive**.
 - Extracted the key metrics related to the dataset and persisted the data in **SQL** using stored procedures.
 - Developed the backend in **C#** and **AJAX** along with UI design in **HTML, CSS** and **Bootstrap**.
 - Developed a **sentiment analyzer** in **Python** using **Naive Bayes Classifier**.
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Relevant Experience

Runtime Eclipse Plugin

Virginia Tech | 2018

- An Eclipse plugin based in **Java** which allows users to select runtime errors from the console and search the solutions on StackOverflow.
 - Errors are searched on Google and the top links from that page are selected the StackOverflow answers are displayed on a console.
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Skills

- **Programming Languages** - Java, Python (pandas, numpy, matplotlib, scipy, scikit, NLTK), R, C#
- **Databases** - Cassandra, SQL, MongoDB, HBase
- **Frameworks** - NodeJS, AngularJS
- **Machine Learning** : Classification, Regression, Clustering, Reinforcement Learning
- **Big Data**: Hadoop, Hive, Spark, StreamSets, Kafka
- **Visualization Tools**: Tableau, NetworkX, Plotly
- **Certification**: AZ - 303 Solutions Architect