

# AJINKYA ATHLYE

[ajinkya.athlye@gmail.com](mailto:ajinkya.athlye@gmail.com)

## EDUCATION

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**Bachelor of Engineering, Computer Science (2013-2017)**

**Master's in engineering science, Data Science (Expected December 2022)**

*State University of Buffalo – New York*

## WORK EXPERIENCE

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**Great Software Laboratory, Pune, India**

*Senior Software Engineer, July 2017- July 2021*

- Led a team of 4 Junior Developers to create an interactable in-house full-stack ML product for the company. The product served as key in attracting Machine Learning projects from multiple clients and contracting with the company.
- AutoML Library (Data Science/Backend Development) – Reduced working time for an average Data Scientist's process from **3 hours** to **10 minutes** with no compromise in accuracy. Built a Python library for AutoML solutions for Hypergiant, Texas. Implemented techniques involving Anomaly Detection, Dimensionality Reduction, Data balancing, Encoding, SHAP values, CausalML automation on KPIs.
- Insights for IBM (Backend development) – Designed and implemented the communication system of the whole product from scratch in Python using RabbitMQ. Wrote deployments, services, and charts for Kubernetes and Helm for the same. Also wrote MongoDB pipelines for processing and generation of recommendations.
- Cost and Asset Management for IBM Cloud Broker (Backend Development) - Designed and architected the AWS adapter responsible for managing the cost data of the user. Also extracted and processed data (using Pandas) for the GCP cost-extraction adapter.
- In-house ML projects – Cost Predictor for AWS Bills and Suggestion System for AWS Configurations.

## SKILLS/ONLINE PRESENCE

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- **Languages/Databases** – Python 3, C, C++, MongoDB, MySQL, R, Linux.
- **Github:** <https://github.com/ajinkyaathlye>
- **LinkedIn:** <https://linkedin.com/in/ajinkyaathlye>

## RESEARCH/ACHIEVEMENTS

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**Multivariate Demand Forecasting, 2017** – <https://www.ijraset.com/files/serve.php?FID=18809>

A product/research project that predicts the sales for the next 3 months for tables in a furniture store. The shop owner for whom the product was made has learned what not to buy in excess quantities for the upcoming months based on the product's analysis and forecasting. As of February 2022, approximately a 14% drop in purchases were observed while the profits remained constant.

**Competitive Coding – Coding challenges, 2016**

Ranked in the mid-300s twice in a global coding competition on Codechef out of a pool of 5000 coding connoisseurs.

**Codestorm – Coding competition held at a city-wide level, 2016**

Ranked 3<sup>rd</sup> out of 90 teams that had registered. A team consisted of two people. The event consisted of grueling coding questions and theoretical tests on computer languages.