Ahmad Faiyaz

linkedin.com/in/faiyaz26

github.com/faiyaz26

Email : YOUR Email

Cellphone : +44 (0) YOUR$_{N}UMBER$

Address: Hughes Road, IG62FP, United Kingdom

EXPERIENCE

- **Amazon** — London, UK
  Software Development Engineer II — *June 2020 - March 2022*
  - **Added support for extra languages on Amazon Retail Website**: I added a new feature on Retail website to switch language to different language which are not supported on retail website (Amazon.com, Amazon.co.jp) by default. With this feature, I added support for 18 new languages on retail websites for Prime Video.
  - **Leading the Data Pipeline Infra Project**: I am leading the data pipeline infrastructure for Prime Video Web. This pipeline infra will provide data for various new features and experiments on Amazon Prime Video Web and other clients. Amazon Prime Video Top 10 List feature is utilizing this pipeline infrastructure
  - **Ownership of Amazon Prime Video Actor Page**: As part of the current role, I became the principal owner of the backend service behind this www.amazon.co.uk/prime-video/actor/Andy-Samberg/nm1676221/. For each major actor, actress has one of this page on Amazon Prime Video (US and UK). As an owner, I migrated the data pipeline to new infrastructure and refactored the service to make it robust and reliable.
  - **Mentoring Interns and Junior Engineers**: I was assigned as a mentor for interns and junior engineers to guide them to build production ready services.

- **Dataform** — London, UK
  Software Engineer — *April 2019 - April 2020*
  - **Open source contribution**: Contributed to the open source framework named Dataform for SQL based transform operation on data warehouse.
  - **Shipping features to Dataform platform**: I have shipped a lot of features including scheduling data pipeline, notification management to the Dataform plaform.
  - **Site reliability**: I introduced the observability and best practices for the Kubernetes cluster in the company. Under my lead, the team migrated the cluster without a downtime. Also created the guideline for on premise deployment.
  - **Tools and technologies**: To accomplish at this role, I worked with TypeScript, Node.js, Google Cloud Platform, AWS, Protobuf, Kubernetes, React, Mobx

- **Traveloka** — Singapore
  Software Engineer - Machine Learning — *Dec 2017 - April 2019*
  - **Machine Learning model end to end pipeline**: Created Machine Learning model training pipeline to automate the model training and deploying to production service. This whole platform contained several micro-services written in Python and Node.JS
  - **Leading the team for Machine Learning platform**: I was the lead for a team size of five to build the machine learning platform, where I had to review the technologies, system architecture and implement best practices. This machine learning platform was created to help the data scientists build/train machine learning models, deploy it to the production server, as well as do experiment with the models.

- **NewsCred Inc.** — Dhaka, Bangladesh
  Software Engineer — *Nov 2016 - Nov 2017*

- **Augmedix Bangladesh** — Dhaka, Bangladesh
  Software Engineer — *Feb 2015 - Oct 2016*

- **Mukto Software Limited** — Dhaka, Bangladesh
  Software Engineer — *May 2014 - Jan 2015*

OTHER PROJECTS

- **LightOJ**: LightOJ (https://lightoj.com) is a leading Bangladeshi learning platform to learn programming, algorithms and data structures. I am the lead developer of this platform, worked with the founder to build the new version which is more scalable and faster than previous version. The development process was open source style, there were many contributors. I got chance to mentor more than 10 developers to build this platform.

Education

- **North South University**   Dhaka, Bangladesh
  Bachelor of Science in Computer Science; GPA: 3.48/4.00   *Jun. 2010 – Dec. 2014*

Software Development Skills

- **Languages**: Python, Typescript, Node.JS, C++, PHP, SQL, Java, Scala

- **Technologies**: AWS, GCP, Big data, Apache Spark, Protobuf, Bigquery, Flask, Vue, Laravel, MEAN, Django, MySQL, PostgreSQL, Kubernetes, Linux

- **Tools**: JIRA, Git, Jenkins, Bazel, VS Code

Achievements

- **Participated ACM ICPC World Finals 2016**: My team NSU Buglovers were qualified for ACM ICPC World Finals 2016. My team ranked Second Runner-up at ACM ICPC Dhaka Regional 2015 which made the team qualified for the World Finals

- **Runners-up National Collegiate Programming Contest 2016**: My team became runners-up on the National Collegiate Programming Contest 2016 hosted by UAP and Bangladesh Government.