

Omar Faruk Riyad

Software Engineer

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Developed specialized expertise through years of comprehensive and limited exposure in different locations and ventures. Have two-plus years of experience in professional software engineering with more than a year of experience working in a YC company with a proven track record of working independently and collaboratively. On top of being a quick learner, I am most inspired and enthusiastic when it comes to solving problems efficiently.

SKILLS

DevOps	GCP, AWS-S3, AWS-EC2, AWS-Lambda
Frameworks & Libraries	Django, Pyramid, Flask, Node.js (Express), jQuery, WebPack
ML Concepts & Tools	FCNN, CNN, Transformers, GAN, NumPy, Pandas, PyPlot, Keras, PyTorch
Programming Languages	Python, JavaScript, TypeScript, Java, C++, SQL
Databases	SQLite, PostgreSQL, MySQL, Redis, Elasticsearch
Tools & OS	Terminal, Nix, Linux, MacOS, Git, Github, \LaTeX , Markdown

EXPERIENCE

Software Engineer Mar. 2021 — Present
MixRank (YC S11) Remote(Global)

- Implemented trend charts for company profiles by aggregating **billions of times series data** from two different databases, **PostgreSQL and MySQL**.
- Performed database upgrades using **Nix schematics** for PostgreSQL.
- Built crawlers to find new companies, titles and geodata from LinkedIn and discovered over **12M** new companies.
- Automated lead generation and integrated outbound email with third-party APIs to incorporate new leads to CRM for **improving the sales team's productivity**.
- Reproduced API product** in python from its Ruby implementation. Migrated the services to MixRank's data center from the AWS host to reduce cost significantly.
- Built **Top Sdks Showcase**, a real time sub-system to showcase all top sdks ranked by MixRank.
- Performed continuous data delivery for client via AWS-S3 using cron job scheduling.
- Improved the UI and the UX of web products; performed general bug fixes all over the stack.

Developer Oct. 2019 — Nov. 2020
SKING Dhaka, Bangladesh

- Developed, deployed and maintained the **web infrastructure**.
- Have automated the invoicing and a few parts of delivery operations by implementing **pdf generators with custom designs**.
- Worked closely with product vendors to **ensure product quality**.

Web Developer Mar. 2019 — Oct. 2019
The Atrium Restaurant Dhaka, Bangladesh

- Developed, deployed and maintained the website for more extended support, ensuring the sustainability of the platform
- Automated the catering quotation micro-service that generates an estimated quotation for an event at the restaurant.
- Generated ideas with the team, replaced traditional menus with tablets and **ensured a satisfying customer experience**.

EDUCATION

B.Sc. in Computer Science & Engineering, North South University Aug. 2020
Pursued Artificial Intelligence Trail

ACHIEVEMENTS

Co-author of **An IOT Based Nurse Calling System for Real-time Emergency Alert Using Local Wireless Network** 2021
Best Presenter, IEEE UEMCON 2021, U.S.A 2021

ACTIVITIES

Sub-Executive, NSU YES! 2017 — 2019
Program Manager, NSU CEC 2016 — 2018
Logistics & Procurement In Charge, AdMaker Bangladesh'19 2019
University In Charge, Entrepren Season 1 2019
Promo IT In Charge, Masters Of Ideation 18 2018
Gaming In Charge, Cybernauts'18 2018