Mustafa Shikora, Software Engineer

mshik3@gmail.com

LINKS

<u>Personal Website</u>, <u>LinkedIN</u>

PROFILE

Current Backend Engineer in Venmo/PayPal based in Chicago. Working as a member of the Consumer Financial Services organization, supporting Credit Card expansion and Debit Card new features. Strong technical skills in Java and Python with leadership skills trained through leading numerous projects. Looking for experiences in back end Java or Python with full ownership of projects with high level design. Certified in Deep Learning/Machine Learning through Udacity and have experience with Spark/PySpark and big data.

EMPLOYMENT HISTORY

Mar 2020 — Present

Software Engineer, Venmo
Chicago

- Feature lead for an automated process to reissue expiring debit cards for users, currently processing 300k+ debit cards per month
- Helped launch Venmo Credit Card; built repayments, autopay, and operational dashboards
- Fixed and improved Venmo CircuitBreaker to PayPal, strengthening HTTP call failure handling
- Subject Matter Expert for AWS on my team, consistently consult for new projects in the space

Feb 2017 — Nov 2020

Software Development Engineer, Amazon
Seattle

- Research, design, and implement highly scalable and available applications for vending catalog data to the supported devices for Prime Video.
- Provide operational support with full grasp of system requirements and limits. On-call every 2 months and able to handle all situations to maintain highly available systems.
- Built and maintained data pipelines to export Prime Video data to third party clients
- Helped launch transactional media content in global regions
- Improved operational performance through oncall shifts and greater documentation
- Helping create a new process to recommend UX Language for the Amazon Video platform
- Researching, designing, and implementing 2 services with multiple APIs to select the preferred language for a customer and a device
- Using Java, Google Guice, DynamoDB, Git, Groovy, Datapath, Git, Python

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EDUCATION

Aug 2013 — Dec 2016

Bachelor of Science in Applied Mathematics, University of Illinois at Urbana-Champaign
Champaign

Concentration in Applied Mathematics, minor in Computer Science

Computer Science Classes: Computer Architecture, Data Structures, Interactive Computer Graphics, Numerical Analysis, Artificial Intelligence, Intro to Combinatorics

Mathematics Classes: Probability Theory, Differential Equations, Abstract Linear Algebra, Complex Variables, Fundamental Mathematics

Leadership and honors: Vice President of Service Internal - Alpha Phi Omega Service Fraternity

May 2016 — Dec 2016

Deep Learning Nanodegree, Udacity
Seattle

Learned various Machine Learning and Deep Learning concepts such as Convolutional Neural Networks, Recurrent Neural Networks, and Generative Adversarial Networks.
Applied all theoretical work into various projects involving image recognition and analysis, drone stabilization, skin cancer detection, etc.

https://confirm.udacity.com/CXHDTCLF

SKILLS

Python	Expert	Git	Expert
Java	Expert	SQL	Expert
Amazon Web Services	Expert	Docker	Expert