ABHISHEK DEY DAS

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PROFESSIONAL EXPERIENCE

***Amazon**, Vancouver, BC* **Software Development Engineer II** April 2017 - Present

- Working on designing and writing critical path code for managing the lifecycle of Amazon truck drivers on a plethora of AWS technologies: Fargate, DynamoDb, Cloudformation and others.
- Designed and developed notification batching service for brand owners on Seller Central using DynamoDb, reducing spam, increasing click-through rates and encapsulating notification concerns to the user-interface layer.
- Developed a proof of concept for bringing together misconduct checks of vendor and seller identity pools with the goal of reducing cross-platform misconduct, garnering stake-holder interest.

***Amazon**, Seattle, WA* **Software Development Engineer I** August 2015 - March 2017

- Designed and developed a workflow based service enabling more invasive misconduct checks for third-party sellers on Seller Central, reducing registration time misconduct.
- Developed neat abstractions for a stack of variable computers in JAVA and Spring for a machine learning executor service, reducing redundant code and increasing maintainability.

***Tango Analytics LLC**, Dallas, TX* **Software Developer** June 2014 - August 2015

- Designed and developed several geo-spatial plugins for Pentaho Data Integration, a business intelligence tool in JAVA, replacing a proprietary system and reducing costs.

***Tango Analytics LLC**, Dallas, TX* **Software Developer Intern** Winter 2014

- Developed a plugin for Alteryx in C# .NET to generate drive time polygons, replacing manual SOP's and saving time.
- Developed a desktop tool to submit request, poll for and download drive time polygons from remote servers, replacing manual SOP's and saving time.

***Amazon**, Seattle, WA* **Software Development Engineer Intern** Summer 2013

- Developed a transmutation protocol for a RPC based micro-service framework in JAVA where instead of using reflection, generated code based on API models, reducing run time by 18% and increasing testability.

EDUCATION

Master of Science, Software Engineering
The University of Texas at Dallas, Dallas, TX May 2014

Bachelor of Technology, Computer Science and Engineering
Gandhi Institute of Engineering and Technology, Gunupur, India May 2010

ACTIVITY AND AWARDS

Finalist, software presentation competition, Indian Institute of Technology, Kharagpur. Runner-up, Microsoft Dev-Studio, SRM University. Member, student governance team, Infosys.