

Ketan Vijayvargiya

Senior Software Development Engineer in AWS

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Experience

Amazon Web Services

07/2019 – Present: Senior Software Development Engineer in Amazon Lookout for Metrics (Seattle, US)

Founding member & tech lead on the **Amazon Lookout for Metrics** service. I helped it launch in **public preview on 12/08/2020** and go **GA on 03/05/2021**.

I contributed to a variety of areas that include: design customer experience through a concise set of public APIs, workflow design built on top of mostly serverless components, Spark-based data ingestion pipeline, root-cause analysis for anomalies and operational readiness. I also helped meet AWS's high bar on security through projects such as: encrypt customer data inside the service, disallow cross-customer data access in the data ingestion layer and improve the hashing logic behind generating customer-facing time-series IDs.

Nowadays, I am going deeper into the Applied Science domain and, as part of that, mentoring 2 summer interns.

12/2018 – 06/2019: Senior Software Development Engineer in AWS Lambda (Seattle, US): Had a brief stint in AWS Lambda where I was part of the Worker team. The team owned the EC2 instances that ran customer functions in a multi-tenant environment.

Amazon

12/2017 – 11/2018: Senior Software Development Engineer in Automated Marketing (Seattle, US): As part of Outbound Marketing, I proposed and got prioritized a fundamental re-architecture of their core message sending platform. I also mentored the Delivery team in Social Advertising which was mostly junior at the time.

08/2013 – 11/2017: Software Development Engineer in Social Advertising and CMT (Seattle, US & Bangalore, India): Part of the Social Advertising team in Bangalore and Seattle and Competitive Monitoring Team in Bangalore.

Snapdeal

06/2012 – 07/2013: Software Engineer (New Delhi, India): Revamped the mobile website & later moved to the Order Management System.

Adobe

08/2010 – 06/2012: Member of Technical Staff in Adobe Story (Noida, India): Server and client side developer for Adobe Story, an online screenplay-writing software.

Education

2006 - 2010

Bachelor of Engineering, Computers from Delhi College of Engineering (New Delhi, India)