

# AMEER AYOUB

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## EXPERIENCE

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### Software Development Engineer II

Amazon Web Services  
Jul. 2018 - Present



- Built customer data collection pipeline (on AWS using Java) used by 5+ internal teams across the AI org, processing thousands of requests per second. I contributed by making the data storage multi-tenant, adding a custom partitioning solution for data warehousing, adding custom encryption support, and built the entire internal web portal with React.js/TypeScript, OIDC, and Java on AWS. Responsible for first customer onboarding.
- Led a small team (one other engineer) in building secure customer data annotation pipeline for Lex (chatbot platform from AWS) to enable benchmarking and model improvements on customer data.
- Conducted technical interviews, mentored 2 interns (2019 & 2020). Gave internal talks on data collection pipeline.

### Software Engineer

Curalate  
2017 - 2018



- Created restful web services in Scala (hosted on AWS) and user facing experiences for both mobile and desktop with AngularJS. Product responsible for serving hundreds of thousands of hits per day, embedded into the front page and throughout the sites of our retail client's web sites.

### Software Development Engineer I & II

Microsoft  
2013 - 2017



- Responsible for the C# backend of Visual Studio Team Services (a web-based github competitor) billing API. These services handled all billing events (monthly recurring charges, marketplace purchases) for Visual Studio Team Services for hundreds of thousands of accounts.
- Created identity related user experiences for managing SSH keys.
- Worked with another engineer to enable the SSH protocol for GIT on VSTS end to end.

### Software Engineer Intern

Microsoft  
2012



## SKILLS

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Java, C#, AWS, Python, JavaScript, TypeScript, React.js, HTML/CSS, SQL  
API design, distributed system architecture, data warehousing, automatic speech recognition systems

## EDUCATION

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### Arizona State University

B.S. Computer Science, 2012  
B.S. Mathematics, 2012

## MISCELLANY

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- AWS Certified Developer & Solutions Architect
- Wrote an article related to AI on the front page of Hacker News

## EXTERNAL LINKS

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[github/ameerkat](https://github.com/ameerkat)



[linkedin/ameerayoub](https://www.linkedin.com/in/ameerayoub)