

Yash Shah

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EDUCATION

M.S. Analytics
Harrisburg University of Science and Technology | 2019 - 2021

M.S. Computer Science
University of Texas at Arlington | 2014-2016

B.E. Computer Engineering
Gujarat Technological University | 2010-2014

SKILLS

- Programming Languages: C#, Java, Python, TS
- Web Technologies: HTML, CSS, JavaScript, JQuery
- Database: MSSQL, CosmosDB, MySQL, MongoDB
- Framework: Nodejs, Polymerjs, xUnit, jUnit, Entity Framework, Weka, Hadoop, Spark, D3.js
- Cloud: Azure, AWS

AWARDS

- HackMoto – 2019, 2nd Place and People's Choice Award among 28 team
- HackMoto – 2018, 1st Place among 32 teams

CERTIFICATION

AWS Certified Developer – Associate – License: AWS-AWA-9033

INTERESTS

- Table Tennis
- Swimming
- Biking

EXPERIENCE

AMAZON.COM | SOFTWARE ENGINEER

Austin, TX

January 2022 – Present

- Designed, developed, and released an internal framework for timecode generation used in popular Prime Video features like Skip Intro and Skip Recap, as well as upcoming watch control functionalities.
- Led a team of 3 engineers and an applied scientist to create a scalable technique for detecting director and writer credits, ensuring compliance with Director and Writer Guilds of America. Coordinated with Amazon Legal and PMs from various teams to align with compliance requirements.
- Collaborated with Annotation teams to review ML-generated timecodes, ensuring accuracy and quality.

Toronto, ON, Canada

March 2021 – December 2021

- Built essential APIs to enable successful campaigns for advertisers, maximizing revenue per click.
- Owned end-to-end feature development, including design, architecture, collaboration with teams, coding, and testing.
- Organized internal user acceptance meetups, beta launches, and prepared for full feature global launch.

Seattle, WA

March 2020 – March 2021

- Contributed to the development of the next-generation FulfillmentOS platform, empowering Amazon's fulfillment centers with a microservice that returned data within 2 ms.
- Designed and architected features, working closely with Product Managers, Scientists, and stakeholders.
- Implemented feature/service code, unit tests, integration tests, and service infrastructure code, utilizing CI/CD pipelines for deployment.
- Developed effective A/B testing strategies, facilitating alpha, beta testing, and global feature launches.

MOTOROLA SOLUTIONS | SOFTWARE ENGINEER

Chicago, IL

Sept 2017 – March 2020

- Instrumental in developing cloud based microservice architecture for the state and federal query search functionality which is used by 911 call centers and Police mobile workstations.
- Create architecture for the microservices, define APIs and schemas that led to seamless integration with different Motorola services and products.
- Develop microservice using C# .net and NodeJS.
- Regularly scanned the code and service for vulnerabilities using Twistlock, Fortify and Owasp Zap scanner and fix the vulnerabilities.
- Use Azure CI/CD tools to deploy microservices in Kubernetes Cluster in Azure.

ATOS IT SOLUTIONS AND SERVICES | APPLICATION DEVELOPER

Irving, TX

July 2016 – Aug 2017

- Designed, developed and deployed ITIL(Information Technology Infrastructure Library) based processes with a technical focus on end to end implementation of business applications.
- Used api endpoints from various cloud platforms to build a unified platform in ServiceNow where Infrastructure can be ordered by taking advantage of ServiceNow's ticketing mechanism using predefined cloud infrature templates.