

# SHREYAS GAONKAR

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<https://www.shreyasgaonkar.com> <https://github.com/shreyasgaonkar>

## EXPERIENCE

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### Amazon Web Services

Seattle, WA

#### Systems Development Engineer II – Amazon CloudWatch Logs

September 2021 – Present

- Scale CloudWatch Logs in 40+ regions to handle 8Tbps+ traffic with 99.95% SLA using Elastic Network Load Balancers.
- Led and migrated Amazon's internal logging archival service handling 4Tbps traffic without any data loss for internal customers.
- Build and deploy CloudWatch Logs using Iaas CI/CD pipelines using Ruby & TypeScript, and automation using Python scripts.
- Write detailed design documents, and get peer-reviewed by Principal & Senior Engineers and Software Development Managers.
- Work as Scrum Master to influence bi-annual and quarterly roadmap items for the team.
- Perform code reviews, write internal runbooks, and create change management guides for safer infrastructure changes.

#### Cloud Support Engineer II – Developer and Mobile Services

October 2020 – September 2021

- Accredited AWS Lambda Subject Matter Expert (SME)
- Worked with internal Lambda and SNS service teams to address escalations and any service-related anomalies.
- Provided training sessions on serverless services for external candidates outside of AWS.
- Worked with AWS SAs and TAMs on Infrastructure Event Management (IEM) to plan and execute critical business events.

#### Cloud Support Engineer I – Developer and Mobile Services

August 2018 – October 2020

- Helped architect Govt. of Ireland's Health Service Executive (HSE) COVID-19 contact tracing application.
- Worked on escalated enterprise & business customer cases, and internal tickets with AWS service teams and support engineers.

#### Cloud Support Associate – Developer and Mobile Services

June 2017 – August 2018

- Worked on serverless compute, messaging & queuing, API, and database services, along with Storage and Delivery Services.
- Assisted in developing tailored AWS integration solutions optimized for cost efficiency and performance for AWS customers.

### Marketing Relevance, LLC

Chicago, IL

#### Full Stack Web Developer

August 2016 – May 2017

- Designed, developed, and deployed secure websites using LAMP stack with Foundation framework.
- Accelerated sales of homebuilder clients using industry-leading mobile-first design increasing the overall conversion rate to 5%.
- Created high-fidelity website prototypes and wireframes as initial designs during client discovery calls.

## SKILLS

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**Programming Languages:** Python, Ruby, Bash, TypeScript, Java, HTML, CSS, JQuery & MySQL

**AWS:** CloudWatch Logs, Lambda, API Gateway, SNS, SQS, Kinesis, S3, EC2, AutoScaling Group & CloudFormation

**Other:** Amazon Web Services (AWS), Distributed Systems, Docker, Cloud Computing, Linux, Git, GitHub, LAMP Stack & REST API

## EDUCATION

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### UNIVERSITY OF ILLINOIS AT CHICAGO

Chicago, IL

#### Master of Science in Computer Engineering - GPA: 3.5/4.0

May 2016

- Implemented cross-platform text messaging application developed in C++ and Android for Windows, Linux & Android.
- Developed Face detection and face recognition using Fisherfaces and Eigenfaces in MATLAB.

Related Coursework: Computer Algorithms, Software Engineering, User Interface Design and Mobile App Development.

### UNIVERSITY OF MUMBAI

Mumbai, India

#### Bachelor of Engineering in Electronics Engineering – GPA: 3.55/4.00 (Distinction Class)

May 2014

- Executed live streaming project with Adobe media encoder, peaking bandwidth usage at 30GB.
- Co-authored - "Design, Modeling, and Implementation of 8-bit Processor for Intelligent Automatic Chocolate Vending Machine" technical paper. Published in International Journal of Computer Application (ISBN# 973-93-80880-67-5)

## PROJECTS

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- AWS Lambda & AWS CLI code samples use-cases - <https://tinyurl.com/shreyas-lambda> & <https://tinyurl.com/shreyas-awscli>
- Highly scalable Serverless URL shortener using AWS Lambda, API Gateway & DynamoDB - <https://tinyurl.com/shreyas-url-shortner>
- Automate cross-platform social media posts using YouTube and Twitter API - <https://tinyurl.com/shreyas-social>
- Instagram bot to like posts based of hashtags using Python - <https://tinyurl.com/shreyas-instagram>
- Personal media streaming server - Plex media file cleaner - <https://tinyurl.com/shreyas-plex>