SHREYAS GAONKAR

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EXPERIENCE

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.
- Led AWS CloudWatch Logs IPv6 onboarding for all commercial regions to simply cloud architecture and reduce costs for users.
- 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 and organization.
- Mentor, 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 teams to address escalations, anomalies, and drive new service feature requests.
- Worked with AWS SAs and TAMs on Infrastructure Event Management (IEM) to plan and execute critical business events.
- Provided training sessions on serverless services for external candidates outside of AWS.

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 CSS 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

Programming Languages: Python, Ruby, Bash, TypeScript, Java, HTML, CSS, JQuery & MySQL.
AWS: CloudWatch Logs, Lambda, API Gateway, SNS, SQS, Kinesis, S3, EC2, IAM, CloudTrail, AutoScaling Group & CloudFormation.
Other: AWS CDK, Distributed Systems, Docker, Cloud Computing, Git, GitHub, CentOS, Amazon Linux AMI, RHEL & REST API.

EDUCATION

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

- 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
- Instagram bot to like posts based on hashtags using Python: https://tinyurl.com/shreyas-instagram
- Personal media streaming server - Plex media file cleaner: https://tinyurl.com/shreyas-plex