Abhijeet Saraf

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Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL

Technologies & Tools: AWS, EC2, DynamoDB, S3, SQS, Lambda, Athena, Elasticsearch, Kubernetes, Docker, Openshift, Splunk, Dynatrace, Kafka, Spring, Spring Boot, ReactJS, Flask, System Design, Microservices, Slackbot and Cloud technologies.

Work Experience

American Express, Bangalore

Software Engineer I   July 2024 - Present

- Led a cost-saving initiative by identifying unused AWS resources and establishing S3 bucket expiration policies, leading to an annual cost reduction exceeding $50,000 in AWS expenditures. We are working on integrating APIs with our ECRU dashboard.

Software Engineer II   May 2022 - July 2024

- Led the end-to-end development of various key projects, including NTRS, Cloudbot, CertasS, and Profile Scanner. This contribution resulted in a 72% productivity increase in network related request processing and saves turnaround time by 11 Hrs in a week.

Software Engineer III   Oct 2020 - May 2022

- Contributed in enterprise projects such as ECRU (chargeback), Reporting Dashboard, BYOI, and cert-utility for certificate validation, used to deploy 58+ applications and helped in tracking and software development.
- Developed image vulnerability remediation tool (SoluVul) to improve security and remove CVE from docker images. This integration improved overall image + system security by 65% for over 3k applications.

Technology Intern Analyst   Jan 2020 - July 2022

- Played a significant role in the development of a virtual payments system, ensuring transaction functionality across various time zones. Used Spring MVC framework and Java to successfully implement this feature.
- Worked on Spring Boot, Splunk/Kibana logs monitoring, Jenkins pipeline setup and XLR based release and deployments.
- Developed an AI-driven cognitive-UI project using machine learning.Demonstrated effective teamwork with 3 interns.

Education

Ramaiah Institute of Technology, Bangalore	2016 - 2020
B.E. in Information Science and Engineering	***CGPA:9.14/10***

Project

Cloudbot   *Flask, Bolt Framework, Slack Socket Mode APIs, AI/ML*   2022 - Present
- Bot has facilitated the autonomous responses of more than 150 queries per day. Used machine learning and deployed on a microservices architecture pattern and integrated via RESTful APIs.
- Effectively addressed developer FAQs, categorizing and providing relevant responses.

GMS NTRS   *Java, Spring Boot, Hiped/Voltage Encryption, SFTP, PostgresDB, Quartz, SwaggerUI*   2021 - 2022
- Designed NTRS application in Spring Boot with SFTP file storage. Enabled secure transmission of tax reporting data to a third-party authority using loosely coupled microservices and encryption (Hiped / Voltage) for PII data.

Profile Scanner   *Node.js, Express, JavaScript, ReactJs, Python, Flask*   2021 - 2022
- Designed NTRS application in Spring Boot with SFTP file storage. Enabled secure transmission of tax reporting data to a third-party authority using loosely coupled microservices and encryption (Hiped / Voltage) for PII data.

Awards and Certificates

★ AWS Solutions Architect Associate (AWS SAA-C03)   Score: 918/1000
★ Received 20+ Blue Awards at American Express