

Profile

Experienced software developer with **3 years** of hands-on experience in **designing and coding multiple tech components**, with a strong understanding of non-functional requirements like **reliability and scalability**. Proficient in **Java and AWS**, with a track record of delivering top-notch solutions. Dedicated to continuous learning and growth in software technologies.

Experience

Senior Software Engineer Persistent Systems (Client: AWS) July 2023 – Present

- Being a member in founding team of Amazon Q, refined programs in **8+ connectors, core SDK and other packages** which played a pivotal role in the development and testing for the **rollout of the service**.
- Optimized SDK functionality by eliminating duplicate API calls for Create/Update operations, handling multithreading & concurrency gracefully and resolving throttling exceptions which resulted in **20% reduction in identity crawler run time**.
- Empowered the development of automation tests for 25+ connectors by writing framework in the SDK showcasing knowledge of **Java Functional Interfaces and Design Patterns**.
- **Minimized 30% manual efforts** while working with the service on local environment by Implementing a comprehensive set of code in SDK.
- **Reduced 60% of efforts** by crafting Shell Scripts & using **AWS CLI** commands to automate the process.
- Lead developer for launching Documents Sync Run History feature for AWS Kendra and Amazon Q, utilizing **AWS Lambda, DynamoDB & Streams, CloudWatch and CloudFormation**, which will result in **20% reduction in customer queries** by providing insights into document status.

Software Engineer Persistent Systems (Client: AWS) August 2021 – June 2023

- Demonstrated strong understanding of Data Structures & Algorithms to develop code for the optimised **transfer of 500k files** by developing **multithreaded**, high-performance Java applications.
- Achieved Improvement in the **performance by 50%**, reduced sync **time from 50+ hours to 24 hours**.
- Used **Graph traversal algorithms** to fetch nested AD groups from Azure AD in SharePoint connector.
- Engineered and extensively leveraged SharePoint REST, Microsoft Graph, and Google APIs to contribute to the development of 4+ connectors like SharePoint, MS Teams, MS Exchange, and Gmail.

Skills

Languages: Java11, JavaScript, Python3

Backend: Spring boot 3, Hibernate

Frontend: HTML, CSS, React.js, Bootstrap

Databases: MySQL, MongoDB

Others: AWS, Git, Maven, Linux, REST API

Projects

Active Directory | [Link](#) January 2024

Tech Used: Java, Spring boot, Spring Data JPA, MySQL, React.js

- Developed an active directory application with users and groups management.

Daily-Essence WebApp | [Link](#) November 2021

Tech Used: Node.js, Express.js, MongoDB, React.js, Firebase

- **Led a team of 5**, working on MERN stack grocery shopping app with authentication and authorization.

Education

Shri G. S. Institute of Technology & Science July 2017 – June 2021

B. Tech (Electronics & Instrumentation) 7.42/ 10.0

Achievements

- Received recognition through **Bravo Award** for outstanding performance **twice**.
- Recognized and acknowledged as **Top Talent 2023 within the organization**.
- Attained with the **Hi-Fi Award 2 times in 1 year for exceptional performance** within the team.
- Earned **Python (Intermediate) certification** and won **gold badge in 3 skills**: Java, Python & Problem Solving on [HackerRank](#).