

Resume

Sanjay Das

Senior Software Development Engineer

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Career Objective

Seeking an environment where I can get the opportunity to utilize and enhance my technical skills and abilities, In an institution that offers professional growth while being resourceful innovative, and flexible.

Synopsis of Experience

- Overall **8+ years** of industrial experience in Software Design, Development, and Testing.
- Full-Stack developer mostly aligns towards **back-end and Java server-side** applications.
- Know about **Gen AI Assistant** Data Ingestion workflow.
- Microsoft **AZ-900 Certified** Azure cloud developer.
- Training and **mentoring** of the interns and New Joinee.
- Extensively practiced **Agile** and Iterative software development methodology.
- Expertise in executing and **managing multiple projects**.

Employment Summary

- Currently working in Walmart Global Tech, India as a Senior Software Engineer from Sep **2020** to date.
- Worked at NoBroker, as a Software Development Engineer from July **2020** to Aug **2020**.
- Worked at Intel Corporation, India as a Software Engineer from 1st Jan **2018** to July **2020**.
- Worked as an intern at Intel Corporation from 28th December **2016** to 1st Nov **2017**.

Technical Skills

- | | |
|---------------------------------|--|
| • Languages & Skills | Core Java, Java 8, Python, JavaScript |
| • DB Technology | CosmosDB, Milvus Vector DB, Elasticsearch, MSSQL, MySQL, Redis, Memcache |
| • Framework | Spring Boot, Spring Cloud, Spring AI, FastAPI, LangChain, LLM, Kafka. |
| • Build Tool | Gradle, Maven, python poetry |
| • Operating Systems | Ubuntu, Windows, Mac OS |
| • Design | OOP, DDM Microservice, Algorithm, Data Structures |
| • IDE | Intellij, WebStorm, VS Code. |
| • Version Control | Git |
| • CI/CD Tools | Azure Kubernetes, Azure App Service, GitHub Action, Docker |
| • Cloud | Microsoft Azure, GCP |

Professional Experience

Projects Summary:

GTP3 - (Walmart)

Brief Description:

It's an application (**Microservice**) responsible for creating and maintaining investment portfolios and analyzing the cost for the AOP cycle in fiscal years. This WebApp is the single point of all investment-related tasks in Walmart to track and create new initiatives. Users for this web app are mostly top leadership from finance in Walmart.

Languages used: Java, Kafka, Python, JavaScript, Spring Boot, Azure, Kafka, Spring Cloud, CosmosDB, React JS HTML, CSS.

Responsibility:

- o Collecting and Understanding the requirements.
- o Designing the basic architecture of the application
- o Training the test engineers

API-Explorer

(Walmart)

Brief Description:

The API Explorer is a **generative AI assistant** designed to assist users in locating comprehensive information about an API and its team within an organization. It streamlines the process of accessing relevant data associated with the API, facilitating smoother collaboration and understanding within the team.

The technology used: Java, Python, GCP Blob Storage, Google LLM, Azure Ada Text Model, Milvus Vector DB.

Responsibility:

- o Created Data Ingestion for the AI Model.
- o Created Embedding service to embed the vector in Milvus DB.

MyHPC - (Intel)

Brief Description:

It is a cloud-based (**Microservice**) application that aims at creating reports and summaries of Intel's design infrastructure from a usability perspective with the purpose of improving infrastructure processes, saving person hours, providing reports to aid in decision-making and thereby saving money, and bringing efficiency, robustness, and infrastructure stability.

Languages used: Java 8, Spring boot, Spring Cloud, JavaScript, Angular, Zuul, Sleuth, Feign, Hystrix.

Responsibility:

- o Collecting and Understanding the business requirements.
- o Designing the basic architecture of the application
- o Leading One of the Microservices Development Teams for continuous delivery
- o Code review and unit testing
- o Managing the project deliverables, deciding the priorities of the request
- o Responsible for the deployment of the tool

NETBATCH - (Intel)

Brief Description:

It is a distributed computing platform that acts as an arbitrator between demands on computing resources and the available resources. It makes use of available CPU time by scheduling batch/interactive jobs to run on idle machines, enabling high throughput, utilization, and productivity in the design environment.

Languages used: Java, Perl.

Responsibility:

- o Developing and designing the features, Mainly in the Authentication and permission model.
- o Fixing the bugs

Electra

Brief Description:

It is a Junit-based test automation framework used for testing in-house applications. It manages the various redundant tasks of preparing the environment for the tests thus enabling the test engineers to focus just on the test cases

Languages used: Java.

Responsibility:

- o Collecting and Understanding the requirements.
- o Designing the basic architecture of the application
- o Leading the Development Team
- o Training the test engineers

Academic

- Tezpur Central University, *Tezpur, Assam* - MCA CGPA - 8.57 / 10.
- Assam Central University, *Silchar, Assam* - BSc(Computer Science) CGPA - 5.87 / 10.

Achievement / My Projects

- Recently got certified from **Microsoft AZ-900 Azure Cloud Fundamental Developer**. Link:- https://www.credly.com/badges/b1524517-3a42-4097-ad5a-64436416c168/linked_in.
- An **Open Source Contribution in IntelliJ Community Plugin** Development is approved by JetBrains under Apache-2.0 license. Link:- <https://plugins.jetbrains.com/plugin/11504-iyt/update/53769>.
- An **Open Source Contribution Azure Java SDK Bug**. Link:- <https://github.com/Azure/azure-sdk-for-java/issues/40018> , <https://github.com/Azure/azure-sdk-for-java/issues/40038>
- Developed to find COVID-19 cases in Northeast India. Was Running in 2020 for the COVID update. Developed Using Spring Boot, AngularJS framework. Link:-> <http://covid19ne.club> (Currently Down) Git:- <https://github.com/SanjayDasTezpur/Covid19>.

The Information given above is true as per my best knowledge.

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