

Kushagra Kasliwal

Software Engineer

I am a Software Engineer with over 3 years of experience in Java and Android Development, having a firm hold on data structures and Algorithms.

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EDUCATION

BTech in Information Technology

Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded

08/2016 - 10/2020

7.86 Cgpa

WORK EXPERIENCE

Software Engineer - II

Rakuten

01/2023 - Present

Bengaluru

Achievements/Tasks

- Developed and maintained an observability tool, enhancing system visibility and performance monitoring.
- Designed and implemented the analytics component of the observability tool, enabling data-driven insights.
- Created an Ingestion Service to efficiently collect and process large volumes of data for real-time analysis.
- Developed a Query Service to enable users to interactively query and retrieve insights from the data.
- Utilized cutting-edge technologies including Spring Boot, WebFlux, Clickhouse database, Kafka Queue, and GraphQL.

Software Engineer

Tata Consultancy Services

08/2020 - 01/2023

Bengaluru, India

Description

- Led a team of 2 developers to build a Pension Distribution system for retirement customers using Java Spring Boot, Azure Function App, MSSQL Server DB, Azure DevOps.
- Achieved a significant performance boost by optimizing database queries, resulting in a threefold improvement in query efficiency.
- Reduced network payload by creating SQL functions, enhancing overall system responsiveness and efficiency.
- Successfully delivered the project on time, meeting all project milestones and ensuring timely pension distribution.
- Recognized and honored with the 'On the Spot' Award for the contributions to the project's success.

SKILLS

Java

Spring Boot

GraphQL

Rest API

Data Structures and Algorithms

PERSONAL PROJECTS

Pathfinding Visualizer (04/2021 - 04/2021)

- A website to visualise pathfinding algorithms like Breadth First Search, AStar Algorithm, Depth First Search etc.
- [View Project.](#)

Open Source contribution in LibreOffice (03/2019 - 03/2019)

- LibreOffice is a free open-source office productivity software suite. I made a contribution to it by fixing a bug, where the size of the beanshell editor was very small to interact with.
- [View.](#)

Bouncy Ball Android Game (07/2018 - 08/2018)

- An endless arcade game where players need to drag their finger on the screen and jump on the tiles to bounce around in space and make sure they don't fall off the edge.
- [View Game.](#)

Currency Convertor Android Application (12/2019 - 12/2109)

- App to convert every currencies with live exchange rates. Supports currencies for every country including the dollar, rupee, euro, pound, yen, virtual currencies like Bitcoin, plus precious metals like gold, silver.
- [View Application.](#)

CERTIFICATES

Algoexpert

Solved 100+ Data Structures and Algorithms problems. Gained deep knowledge of data structures like Stacks, Queues, Hash Tables, Heaps etc. [View Certificate](#)

Hackerrank Problem Solving Advanced -

Solved 150+ problem solving questions, and learnt the implementation of data structures like stacks, queues etc. [View Certificate](#)

Java Intermediate

This covers topics like Multithreading in Java, Working with Networking in Java, and Collections and Serialization. [View Certificate](#)