

Hardikbhai Gondaliya

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SUMMARY

Dedicated Software Engineer with 5+ years of experience in software development, specializing in distributed systems, high-performance computing, and database management. Skilled in developing scalable solutions and proficient in languages such as C#, .NET, Java, TypeScript. Proven expertise in cloud-based architectures, data processing pipelines, and software optimization for high reliability and performance.

TECHNICAL SKILLS

Programming – C#, .NET, Java, Typescript

Distributed Systems - High-performance storage solutions, distributed database systems, networking

Database & Big Data - SQL Server, PostgreSQL, MySQL, Hadoop, Neo4j, MongoDB

System Optimization - Lock-free programming, query optimization, compiler internals

Cloud and DevOps - AWS (Lambda, SQS, EC2, Kinesis), Microsoft Cloud environments, UNIX

Frameworks and Tools - RESTful APIs, Git, JIRA, Visual Studio, Eclipse, Agile (SCRUM)

EDUCATION

Illinois Institute of Technology | Master of Science in Computer Science

Aug 2019 – May 2021

Gujarat Technological University | Bachelor of Computer Science

Aug 2014 – July 2018

WORK EXPERIENCE

Bloomberg LP

New York City, USA

Senior Software Engineer

October 2022 – Present

- Played a pivotal role in Bloomberg's internal software ecosystem, specifically focusing on the AMLQ (Anti Money Laundering Questionnaire) system, utilizing C#, .NET and Typescript.
- Led the design and implementation of critical features within AMLQ, including Linked Tickets, Audit Log, and a bulk upload tool, aimed at optimizing client onboarding processes within the CLM (Client Life Cycle Management) platform.
- Spearheaded the digitization of client forms, enhancing operational efficiency for the Anti-Money Laundering team and ensuring seamless communication with clients, while maintaining comprehensive records within the system.
- Undertook the modernization of legacy code within AMLQ, facilitating the smooth transition of data to the new system, thereby contributing to enhanced system reliability and maintainability.
- Proactively initiated refactoring initiatives within the AMLQ framework, resulting in a significant reduction in incoming tickets and system issues, ultimately improving overall system performance and stability.
- Actively promoted knowledge sharing and the adoption of emerging technologies within the team, fostering a culture of continuous improvement and innovation.

- Served as a scrum leader, providing mentorship and guidance to team members, thereby facilitating collaborative development efforts and achieving project milestones effectively and efficiently.

Amazon

Software Development Engineer I

New York City, USA

May 2021 – October 2022

- Redesigned and optimized distributed services using Java and C# .NET, reducing latency in the drive data API and enhancing overall performance.
- Migrated hosted services to serverless architectures using AWS Lambda, SQS, and SNS, establishing robust monitoring and alarm systems for queues with CloudWatch.
- Developed Spark jobs to transform and aggregate drive data, improving data accuracy and process efficiency in storage management systems.
- Built and managed data pipelines using AWS Kinesis, facilitating real-time data processing and integration with downstream applications.
- Applied object-oriented design principles to overhaul the application structure, enhancing code maintainability and scalability.

SpeedForce Inc

Software Developer

Vadodara, India

Jan 2018 – Aug 2019

- Developed a multi-franchise management software solution using C#, focusing on MVC-based architecture for scalable and modular design.
- Implemented SQL-based data warehousing features, including reporting, invoicing, and analytics, to improve operational efficiency for franchisee networks.

PROJECTS

Enterprise Web Application | Java, MongoDB, Neo4j, Python, JUnit

- Designed a scalable e-commerce platform with data warehousing features for customer behavior analysis using graph algorithms for product recommendations.

News Channel App | Android, AWS, MySQL

- Built an Android app utilizing APIs to display news from CNN, BBC, ABC, Fox, and NBC News channels.

Sort on Hadoop/Spark | C++, AWS, Python, JavaScript

- Implemented an algorithm for sorting and evaluating various datasets on AWS's Large Instances.

KelwaMart - An Emporium for Retailers | C#, HTML/CSS, Bootstrap, MySQL

- Created a virtual hub for retailers aimed at enhancing their business and sales nationwide as part of an innovative idea presented at a national-level Hackathon. You can watch the presentation video at: <https://www.youtube.com/watch?v=W9IY1mMldTo>

Testing of Gas Pump | Java, C++, Python, JUNIT

- Developed code to test the functionality of the Gas Pump using diverse Test Oriented methodologies and Model Based Testing techniques.