Abhinesh

Senior Software Engineer

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Education

2014 - 2018 *Lovely Professional University, Punjab, India*

Bachelor of Technology, Computer Science Engineering (CGPA: 8.71/10)

Core Skill Set

Languages: Java, Python, C++, C#

Backend: Spring Boot, Rest and GraphQL APIs

Database: DynamoDB, MySQL, Redis, CouchDB, ElasticSearch

Messaging: Apache Kafka, Apache Pulsar, Redis

Cloud services: AWS (S3, Lambda, EC2, RDS, API GW, ELB)

Version Control: Git

Others: Distributed Systems,Data Structures and Algorithms

Achievements

🏆 **PAG Excellence Award 2024** — Recognized for leading and delivering the Mint to CK Migration workflow, ensuring seamless transition and minimal user disruption.

🏆 Won **Intuit India Super Star Award** (FY23-Q3) for delivering multiple high-impact initiatives under tight timelines with zero product incidents.

Secured 1st rank in Code Manthan organized on **Hackerrank**.

Secured 2nd rank in **Code Samurai** organised on Hackerearth.

Handles

Github: github.com/akgarhwal

Website: akgarhwal.github.io

LeetCode: leetcode.com/akgarhwal

Experience

Jan 2022 – Present *Senior Software Engineer | Intuit Inc*

Intuit is a financial software company that helps individuals and businesses manage their finances with products like TurboTax, QuickBooks, and Credit Karma.

- Led end to end design with multiple cross functional teams and developed a robust and scalable migration solution to transition **1.65 million** Mint users to Credit Karma with a **99.95**% success rate and conversion rate of **80.12**%, leveraging Python scripting, event-driven architecture, secure data pipelines, and real-time monitoring for seamless data transfer and user experience.
- Led the development and implementation of TTS Convergence, a streamlined data ingestion and processing system that simplifies transaction data acquisition for Credit Karma, retires legacy infrastructure for significant cost savings, and enhances performance through optimized data handling and efficient API design.
- Developed scalable, paginated transactions APIs for Credit Karma, improving performance and reducing latency. Also leading critical infrastructure upgrades and migrations, such as the OMS 3.0 migration and IDPS dependency removal, ensuring seamless service delivery and enhanced operational efficiency.

July 2020 – Nov 2021 *Software Engineer I | Zynga*

Zynga is a leading developer of the world's most popular social games that are played by millions of people around the world each day.

- Led the global release of localization libraries and tools, expanding language support to include Finnish and enabling game teams to release in the Finnish region.
- Enhanced internationalization libraries with features like ordinal number support and a dynamic string editor, empowering game teams to fine-tune translations for an optimal user experience.

Sep 2018 – July 2020 *Software Engineer I | Optmyzr, Inc.*

Optmyzr is a leading provider of enterprise-grade search marketing software for ad platforms like Google, Microsoft, Facebook and Amazon.

- **Ad Text Optimization** helps to identify high performing Ad content across thousands of Ads running in Google Ads accounts. It offers bulk optimizations for editing underperforming Ad text and for creating new Ads as per users' business strategy. The tool processed over **300M+** Ads and modified/created around **1M+** Ads in the last quarter, aiding user requirements like changing promotional offers, seasonal variations, etc.
- **PPC Policy and Audits Builder** that automates account health monitoring, identifies optimization opportunities, and streamlines account management for granular performance analysis.
- **Multi-Account Budget Optimization** that leverages historical data to forecast ad campaign costs, optimize spending across Google, Microsoft, Facebook, and Amazon, and prevent budget overruns with automated alerts.
- **Account Blueprint** is a workflow streamlining solution for PPC Experts and Enterprise teams to effectively share best practices for account management. The solution templatizes specific recurring tasks and due dates for a similar set of accounts. It enables large teams to take timely action for assigned tasks.

Sep 2017 – Aug 2018 *Technical Intern | Synopsys, Inc.*

- Developed and optimized parallel chip testing processes, reducing run times by 300% while improving accuracy and efficiency through automated configuration and standardized data handling.

Projects

Puzzle-X | *Android Application*

- Developed an interactive 2D puzzle game with customizable images and an efficient A-search algorithm for optimal solutions on various grid sizes.

Valve | *NuGet Library*

- Valve is a lightweight and easily integrable sampling library that enables percentage-based feature rollouts for users by efficiently managing code flow control for variable identifier sets.