

ARYAN KANWAR

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EDUCATION

University of Waterloo, Canada

Masters of Engineering, Electrical and Computer Engineering January 2023 - April 2024

University Institute of Information and Technology, Shimla, India

Bachelors in Technology, Computer Science August 2013 - July 2017

TECHNICAL SKILLS

Languages & Tools	Javascript, C, Python, PHP
Databases & Technology	MySQL, MongoDB, ElasticSearch, Redis, S3,DynamoDB
Softwares & Platforms	Nodejs, React, Express, GraphQL, Bluebird
Cloud & Technologies	Amazon Web Services (AWS), Google Cloud Platform (GCP), IBM Cloud, Azure, Serverless

WORK EXPERIENCE

Software Developer Engineer II

Remote

CareerBuilder May 2020 - January 2023

- Led a pivotal overhaul of CareerBuilder’s backend, transitioning from a monolithic architecture to a GraphQL-based microservices. This marked a major milestone, enabling a tailored profile experience for over 45 million users.
- Designed and developed an in-house MySQL Partition Keeper module, automating seamless maintenance of MySQL partitions. Achieved 30 % faster response times, reduced disk I/O load by 25 %, and cut storage costs by 20 %.This module enabled easy scalability for consistent performance with growing data volumes, significantly enhancing data management efficiency and system robustness.
- Designed an effective deduplication system utilizing Redis, resulting in a remarkable 95 % reduction in duplicate job applications. This initiative markedly enhanced data integrity on the CareerBuilder platform.
- Implemented seamless testing integration with AWS CodeDeploy.This module automates unit tests before deployment and sends immediate email alerts for any failures.Achieved an 80 % reduction in deployment-related issues, markedly improving overall process efficiency.
- Ensured smooth operations across backend, frontend, and IT functions, consistently meeting company SLA targets and minimizing product downtime. Successfully delivered error-free code on a quarterly basis.

Software Developer Engineer I

Chandigarh, India

Click Labs/Jugnoo January 2017 - April 2020

- Led the development of Jugnoo - Autos, a hyperlocal Ride-hailing application, and improved API response times by 50 %.
- Added functionalities like ride-sharing and ride auto-accept to the driver application, thus increasing the total no. of rides.
- Architected an in-house solution for the Wallet Model, enabling users to seamlessly utilize their wallet funds for ride and order bookings.
- Designed database schemas for Jugnoo features like the Jugnoo subscription model, ride fares, in-ride coupons, and promotions.

Internship

Gurgaon, India

Brick2Wall Infotech LLP June 4 – September 2016

- Web and application development on Php Woo-Commerce framework.
- Developing Fault Tolerant and system for handling bulk requests using Kafka,Redis.
- Implemented plugin architecture for Dashboard widgets to monitor rate changes by vendors.

AWARDS/HONORS

2022	Star Performer - CareerBuilder
2019	Innovator and Thinker Award - Jugnoo
2017	University Student Partner - Internshala (an internship and training portal for college students)