

Karanjot Singh

An effective communicator and team player with excellent interpersonal skills.
Possesses a positive, flexible and detail oriented attitude.

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EXPERIENCE

Mindtree Ltd. — *Senior Engineer*

July 2017 – July 2020

Extensive experience for almost 3 years in Software Development, have designed, created more than 20 POC's and enhanced the productivity of current implementation. Created pipelines and Docker containers for application.

PowerSchool India Pvt Ltd. — *Software Engineer II*

July 2020 – Present

Extensive experience for almost around a year in Education Industry for software development. Job responsibilities were to create new features and enhance the solution and architecture of current product in AWS environment.

PROJECTS

Core/Adapter

This was a main core product for the LMS system which provides the platform to children, parents, teachers and staff to provide the educational material such as Videos, Assignments, Tests, Quiz and so on. Apart from LMS we have worked on our app centers where user can install apps on their school to enhance functionality like android devices. Adapter was another project which helps the different SIS to exchanges the information of students reports about assignments, grades and attendance.

Vault

Vault is project to create campaign, promotion for the consumer by the clients and maintain whole process of coupon being printed till usage. Created multiple features to support the functionality of product. Implemented algorithms to process the coupons for consumers. Maintain high standard code.

Integrated Testing Tool

Created an architecture and wrote code based on micro services to test more than 6 applications using apache Kafka as a message broker helps to reduce 40% of manual tasks.

Image Comparison

Created a design and wrote code to validate the image and its content with divide and conquer technique. Implemented preprocessing algorithms for images. It almost saved more than 10 hours of daily work. Third party tool used Tessrect, OpenCV.

Swing to Web

Created and designed a framework to transfer whole java swing applications UI to web pages with the help of tree data structure to reduce the effort of rewriting the HTML Pages.

EDUCATION

Chandigarh University, Gharuan, Punjab — *B.E.*

July 2013 - June 2017

Computer Science Engineering
8.1 C.G.P.A

SKILLS

Proficient

- Java
- Spring Boot
- Data Structures
- Algorithm

Confident

- JavaScript
- Python
- DBMS
- AWS

Familiar

- HTML & CSS
- Angular
- Docker
- Kafka

AWARDS

Two times out Standing performer.
Master Mind Award
Top 20 for Techie of Year Competition
Top 10 in 2020 hackathon Powerschool.