

Harpreet Singh

Java Developer



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📍 Chandigarh

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EMPLOYMENT

Software Developer

Milagro Interactive

July 2016 - Present

Working on the Java back-end. Responsible to create the web-service, implementing back-end logic.

- Reduce 75% time of manager and salespersons for documenting the leads.
- Provide real-time location inside the building so easily can find the location in the company.
- Reduce 30% of the development time of developers by creating a validation library.
- Optimize the time $O(n)$ to $O(\log n)$ of the questions by creating the decision tree.
- Easy analysis of leads for managers by creating the real-time analytic report.
- Create the shortest path inside the building using greedy algorithm.

Software Developer Internship

Essor IT Solutions

June - May 2016

Worked on Java back-end, responsibility for developing the algorithm.

- Reduce 60% time of the employees and management by providing the analytics of the projects.
- Enhancement in the User Interface of the timesheet page by adding Time picker and indicators.
- Maintain leave records of the employees by providing the provision of apply leave in PMS.
- Implement location and time wise restriction on the mobile functionality.
- Real-time monitoring feature in the app which records the activity of the children and maintains the log.
- Resolved the memory consumption issue by using memory cache.
- Worked effectively with design teams to ensure software solutions elevated the client-side experience.

EDUCATION

Bachelor Degree in Computer Science & Engineering

Chandigarh Group of Colleges

June 2016

SKILLS & COMPETENCIES

Data Structure, Algorithms, MySQL, MongoDB, Maven, Spring, Hibernate, REST, Web Services

Java backend Technology, Android App Development, Machine Learning (Beginner)

Java (Core), Collections, Multi threading, Python

SVN, Problem Solving, AJAX

PROJECTS

SALESENSE: This is an application for the sales department to track the status of the leads. This app has divided into two roles Salesperson, Sales Team Lead. Sales Team Lead have right to assign the leads to the salesperson and know the status of each lead from the app. App has various feature for both roles like Call Log, Notes for regular status and much more.

SAFESENSE: SafeSense is the safety application for the organization to save their employees. This application has two roles one for Safety Guards and employees. This application provides all safety feature needed by employees when they are in the emergency like real-time location, need help button and much more.

Mahindra Life: This is an application for the people who live or buy the house from Mahindra. This Application provides the all necessary facility to the house owner. There is some facility provide through this like Paying EMI, Maintenance charges, add complaints, an upcoming event in Society, Construction updates, Society Groups etc. In which we also implement SSL Pinning, pro-guard, cache management for security clause.

ADDITIONAL EXPERIENCE

Certified Oracle Associate Java SE 8 Programmer Representative of the Development team of the Company