

# Maninder Singh

## Software Developer

I'm a Software Developer with a creative attitude to problem solving. In my current position as a developer, my recent challenge has been increasing the performance of PLM Application. So I developed API's using Node.js, Express and MongoDB. We managed to increase the performance of system by 40%, ultimately resulting in faster page load times for the clients. I'm sure I can use my technical & problem solving skills to achieve great results.

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## WORK EXPERIENCE

### Software Developer

#### WFX

12/2019 - Present

Gurugram

#### Achievements/Tasks

- Implemented Logging in Node.js Application using Winston and displaying the logging data Real-Time using Log.io.
- Reduced the Data Load times of PLM application by 40% by using MongoDB, Node.js & Express.js.
- Developed API's for PLM Application which can receive data from multiple data sources using Loopback 4.
- Implemented a POC to check the read/write speeds b/w MongoDB, PostgreSQL & MS-SQL to improve performance of PLM Application.
- Developed a POC for which can create dynamic reports from different data sources using Cube.js.

### Software Engineer Trainee

#### WFX

06/2019 - 12/2019

Gurugram

#### Achievements/Tasks

- Successfully completed 6 months training program in WFX as a intern & got exposure to various technologies like C#, .NET, Angular JS, MS-SQL.

### Intern

#### Samtech Datasys

06/2017 - 07/2017

Noida

#### Achievements/Tasks

- Reduced query processing times by writing optimized queries in MS-SQL.
- Developed a Web Application which stores records of the patients.
- Designed the database structure for the Patients Web Application.

## EDUCATION

### B.Tech Computer Science & Engineering

#### SRM Institute of Science & Technology

07/2015 - 05/2019

Kattankulathur

#### Achievements

- Graduated First Class with 69%.

### Senior Secondary

#### Delhi Public School

04/2014 - 04/2015

Panipat

#### Achievements

- Graduated with 66%.

## SKILLS

C++

JavaScript

Node.js

Express.js

MongoDB

HTML

CSS

Git

Linux

Sublime Text

Source Tree

Bootstrap

MS-Excel

Apache JMeter

NeoLoad

## PERSONAL PROJECTS

### Book Store (12/2019 - 01/2020)

- Developed application using Node.js, Mongoose ORM, Express and MongoDB.
- Implemented JavaScript HTML DOM for snappy & smooth user experience.
- Implemented Login system using Passport.js for secure login.
- Utilized Fetch API for getting response from Backend.

### Technical Blog (05/2016 - 06/2016)

- Developed Website using HTML, CSS, Bootstrap.
- Improved page load times by 2 - 3 seconds.

### Flight Booking System (03/2016 - 04/2016)

- Developed application using C & Matlab.
- Implemented MS-SQL at backend for storing data.

## CERTIFICATES

### Introduction to C++(Coding Ninjas) (03/2020 - 05/2020)

[students.codingninjas.com/verify/db480bda7d4bc492](https://students.codingninjas.com/verify/db480bda7d4bc492)

### Programming for Everybody(Coursera)

(08/2017 - 09/2017)

<https://www.coursera.org/account/accomplishments/certificate/VUNP4G3DWS63>

### Programming with C and C++(Internshala)

(06/2017 - 07/2017)

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## LANGUAGES

English

Professional Working Proficiency

Hindi

Native or Bilingual Proficiency

## INTERESTS

Reading Books

Travelling

Troubleshooting Computers