



# Nihal LODHI

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## EDUCATION

**Kendriya Vidyalaya, Goa, India**  
SSC, July 2010 GPA: 8.30

**Kendriya Vidyalaya, Goa, India**  
HSSC, July 2012 GPA: 8.10

**Manipal Institute of Technology,  
Manipal, India**  
Bachelor of Technology, Information  
and Communication Technology, July  
2016 CGPA: 8.13

## COURSEWORK

Data Structures & OOP  
Data warehousing & Mining  
Design & Analysis of Algorithms  
Operating Systems  
Software Engineering  
Project Management  
Linear Algebra & Probability

## CERTIFICATIONS

### Web Development

*Nettech Private Limited, Kolkata,  
India*

- Learnt all the web technologies like HTML, CSS, PHP, JavaScript, JQuery and secured the 1<sup>st</sup> position in the batch.

## AWARDS

**NOTT Award (Night of the Town)**  
*Cerner Healthcare, Bangalore, India*

- Awarded for showing perfection and excellence while solving a client related issue.

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## EXPERIENCE

### Senior Software Engineer

*Cerner Healthcare, Bangalore, India (Sep 2021 – Present)*

- Identify process improvements at team level to support operations and development ecosystem.
- Creating strategic technical designs for large scope projects within team or with inter-team dependencies.
- Providing high-level architecture guidance and develop specifications to resolve software problems.
- Propose and lead process improvement projects for development, deployment, or application monitoring.
- Mentoring associates across the organization by sharing knowledge through mentorship, coaching, technical talks, and blogs.
- Expertise in SDLC and developing in WinForms, C#, .Net, SQL and Web Technologies, Agile Methodology (Scrum, Project Planning, Retrospections), Risk and Resource Management.
- Directing the project team in estimating, analysing, designing, coding, debugging, testing, and modifying software enhancements and/or new software.
- Presented research papers at Organization level at the annual Developer conference.
- Part of the Developer Council, an internal body intended to pursue new ideas to improve the development culture.

### Associate Senior Software Engineer

*Cerner Healthcare, Bangalore, India (Nov 2019 – Sep 2021)*

- Creating strategic technical designs for small to medium scope projects within team or with inter-team dependencies.
- Making enhancements to existing software with minimal direction.
- Expertise in SDLC and developing in WinForms, C#, .Net, SQL and Web Technologies.
- Vast experience in Agile Methodology (Scrum, Project Planning, Retrospections), Risk and Resource Management.
- Train new associates within team and across organization.
- Assisting the project team in estimating, analysing, designing, coding, debugging, testing, and modifying software enhancements and/or new software.
- Debugging complicated issues that span through multiple modules, involve complex concurrency or low-level problems.
- Was a Part of the Developer Council, an internal body intended to pursue new ideas to improve the development culture.

### Software Engineer

*Cerner Healthcare, Bangalore, India (June 2016 – Nov 2019)*

- Experienced in SDLC and in developing WinForms, C#, .Net and SQL for three years.
- Prepared Unit Test Cases in MOQ and MSTest and tested the Unit Test Cases.
- Acquired expert knowledge on JIRA, Jenkins, Crucible, Tortoise SVN, Quality Centre and GitHub.
- Experienced with code testing and test plan execution.
- Experienced in Agile methodology (Scrum, Project Planning, Retrospections), Risk and Resource Management for three years.
- Was a part of the Developer Council, an internal body intended to pursue new ideas to improve the development culture.

## AWARDS

### HAUTE COUTURE

*Manipal Institute of Technology,  
Manipal, India*

- Won multiple Haute Couture competitions while representing the college at state level.

### U-15 Cricket Tournament

*Goa, India*

- Represented the state of Goa in U-15 cricket tournaments.

## SKILLS

### Programming

C++, C#, Java,  
Python, HTML5,  
CSS3, JQuery  
JavaScript, PHP,  
SQL, Android

### Software & Tools

Visual Studio,  
Maven,  
GitHub

## Summer Intern

*Comprise Software Solutions, Goa, India (June 2014 – July 2014)*

- Designed the complete database for a School Management System using MySQL.

## Summer Intern

*iTechnologix India, Goa, India (June 2015 – July 2015)*

- Content Management using Wordpress, PHP, HTML5, CSS3, JavaScript, JQuery.

## Seasonal Intern

*Cerner Healthcare, Bangalore, India (January 2016 – June 2016)*

- Developed an internal Cerner application using Object Oriented Programming concepts to connect multiple informational areas and create an integrated interface for the same.
- Used the MVC framework to make a web application and deploy the application on a local server so that all the Cerner Associates were able to use it.
- Developed Unit Test Cases to test the code and attained maximum code coverage.
- The tool helped the teams to track the progress of their work and acted like a repository for all the projects undertaken by the teams.
- The project was developed in the Agile environment and was delivered in iterations.

## PROJECTS

*Cerner Healthcare, Bangalore, India:*

### Voice Recognition

- Integrated voice recognition technologies which would detect speech and converted speech to text into our legacy applications to enhance and modernize them. This helped in enhancing our Patient search and helped the user in populating data into patient records faster and in-turn made our applications much more User friendly. The data sets were created by using the internal Patient database. The project was doing using C# and Microsoft voice recognition libraries.

### Project Checklist Tool

- Designed a tool to fetch all the details of a project by using the unique key to which it is tagged and create a checklist to be followed in the lifetime of the project. It would parse the dependent documents and check if they are correct or not. The project was done using C# and Web Technologies.

### Code Dependency Tool

- Designed a tool to look up the current code being modified by a user and fetch all the dependent code and projects which would be affected by the change. It would also show a checklist which should be followed in-case the user is changing an inter-dependent code. This project was done using C# and Web Technologies.

*Personal Projects, Bangalore, India:*

### Personal Website [www.nihallodhi.in](http://www.nihallodhi.in)

- Designed a website which showcases my skills and hobbies. It displays some of my projects and educational and workplace data. The project was done using different Web Technologies.

### Share Market Tool

- Designed a tool to fetch live Market Price and other details from the NSE depending on the stocks added by the user. It will track the user's Profit, Current Investment and notify the user to buy or sell the stock once the target set by the user is reached. The project was done using C# and Web Technologies.

### Lyrics Finder

- Designed a tool which would crawl the webspace and fetch the lyrics of the song given as input by the user. It will provide the user with multiple options in-case the song found is not the one requested by the User. The project was done using C# and different Web Technologies.

### News Reader

- Designed a tool which would fetch live RSS Feed from different News Websites and categorically display these as bullet news to the user. Each bullet news expands to the actual Website article when the user clicks on it. The project was done using C# and Web Technologies.