

# Shiva J

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## CAREER OBJECTIVE

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To associate myself and grow with organization, while creative an environment conducive innovation and evolution along with the development of long term relationships

## EDUCATION

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### Masters of Science in Computer and Information Science

Kent State University, Kent, Ohio

May 2017

Relevant Courses:

ASP.NET with MVC, Visual Basics, Python programming, Project Management, Microsoft Structured Query Language, Object Oriented Programming concepts in C#, C.

### Bachelor of Technology in Information Technology

Guru Nanak Institute of Technology, Hyderabad, India

May 2015

Relevant Courses:

C, C++, RDBMS, JavaScript, Software Engineering, Web Technologies, Object Oriented Programming concepts in Java.

## AREAS OF EXPERTISE

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- User Interface Development
- Application Development
- Web Development

## TECHNICAL EXPERTISE/SKILLS

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<b>Programming Languages</b>	: C, C# .NET, Python,
<b>Web Technologies</b>	: ASP.NET, MVC, RAZOR, Entity Framework, AJAX, HTML5, CSS3, XML, JavaScript, jQuery
<b>Frameworks</b>	: Windows Form Application, WPF, Angular JS, Bootstrap
<b>Web Services</b>	: SOAP, JSON, WCF
<b>Database Servers</b>	: MSSQL, ADO.NET, MySQL
<b>IDE's</b>	: Microsoft Visual Studio, SSMS
<b>Version Control Tools</b>	: SVN, Git Hub
<b>Operating system</b>	: Windows, Linux

## WORK EXPERIENCE

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### Research Center Imarat (RCI), Intern

December 2014- October 2015

Hyderabad, India

- Fully understand the checksum algorithm and finding out the ways to handle data.
- Developed as a team for about 9 months.
- Successfully encrypted data along with the key value by giving some unique set of numbers.
- Responsible for delivering lectures regarding technical information also giving important information to the audience present.
- Encryption and Decryption techniques were derived from the checksum algorithm and that part was implemented successfully from my understanding of the algorithm.

### Associate Programmer, Intern

Guru Nanak Institute of Technology Hyderabad, India

- Played an integral part in maintaining the **MSSQL** database, performed data validations and handled the database.

- Designed and developed the website as a team for a period of 1 year.
- Used **ASP.NET MVC, HTML, CSS, JavaScript** in designing the website.
- Used Bootstrap templates for outlook and design of the website. The alignment and appearance were done using Cascading Style Sheets.
- Debug minor errors, edited and improved changes wherever necessary.

## OTHER EXPERIENCE/ PROJECTS

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### Flooding Attack Detection

*Guru Nanak Institution of Technology, India*

IDE: Microsoft Visual Studio

January 2015 – May 2015

Front End: **ASP.NET**

Database: **MSSQL**

- Designed and developed the layout of the application using **HTML, CSS, JavaScript**.
- Responsible for putting up the backend code and successfully establish database connectivity.
- Played an integral part in maintaining the database, performed data validations and handled the database.
- Successfully took up various test-cases, debug them and implemented them in various stages of the project.
- Took up the responsibility of giving lecturers regarding the project and was successful in executing it with full perfection.

### Student Blackboard Webpage

*Kent State University, Ohio*

January 2017 – April 2017

- Developed a web forum to represent the personal information of the users using **ASP.NET** core **MVC**.
- Designed and developed layout of the application using **HTML, CSS, JavaScript**.
- Maintained the application and regularly updated the forum interface for about 5 months.
- Identified issues in the application and was successful in debugging the errors using unit testing.

### E-commerce Website

*Kent State University, Ohio*

August 2016 – December 2016

- Designed and developed book store for .net developers where they can access both windows development and web development materials.
- Developed a fundamental design depicting the above and created a rough outline for the webpages in the desired order.
- Designed the online website comprising of precise interactive webpages used to take in user data using **HTML, CSS** and **JavaScript**.
- Created the database architecture using data definition language in **MSSQL**.

### Sales Order System

*Guru Nanak Institute of Technology, India*

January 2014 – May 2014

- Gathered all the required data and arranged in a step by step procedure.
- Designed the web page layout, entering daily sales to store it in the database.
- Debugged the above for errors and alterations were made to make the web pages effective.
- Linked the above-developed system to a database to store data to and to access information from.
- Designed and developed stored procedures, queries and views necessary to support SSRS reports.

## CERTIFICATIONS

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- Microsoft Certified Professional – Certification Authority **Microsoft**.
- Microsoft Technical Associate - – Certification Authority **Microsoft**.