

# NIVETHA RAMACHANDRAN

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A skilled IT Engineer possessing technical and analytical knowledge backed with a good academic record and work experience. An enthusiastic professional having keenness and motivation to explore new fields of learning.

## **EDUCATION:**

**Master's in Computer Science, Syracuse University**

**May, 2020 (Expected)**

**Coursework:** Software Modelling and Architecture, Computer Architecture, Design and Analysis of Algorithms, Object Oriented Programming in C++, Internet Programming

**GPA:** 3.33

**Bachelor of Engineering, Computer Engineering, Mumbai University**

**July, 2013- May, 2017**

**Coursework:** Data Structures, Analysis of Algorithms, Object Oriented Programming, Software Engineering, Data Warehouse and Mining, Image Processing, Big Data Analysis

**GPA:** 3.5 (First Class with Distinction)

## **TECHNICAL SKILLS:**

**Programming Languages:** C, C++, C#, Java, HTML, CSS, Bootstrap, JavaScript

**Software:** MS Visual Studio, MS SQLServer, Microsoft Office (Word, Excel, PowerPoint)

**Operating System:** Windows, Linux, Android

**Database:** SQL

## **PROFESSIONAL EXPERIENCE:**

**Software Developer | Ingram Micro SSC Pvt Ltd, India**

**July, 2017 - July, 2018**

- Worked as a Software Developer in the Document To Order team in the Asia Pacific department at Ingram Micro.
- Conceptualized and developed portals using C# and ASP.NET having various functionalities as requested by the Business Team.
- Automation and monitoring of purchase order creation in SAP for various clients in the Asia Pacific region.
- Played a vital role in the Vendor Invoice Management project by coordinating with business teams to process Invoices and other related documents like Purchase Order/Credit Note/ Debit Note. This system helped the business and warehouse teams to keep track of goods received.
- Maintained project records on the demand management portal for the reference of Business and Finance departments.
- Established and obtained approvals for project timelines from the business team leads.

**Intern | Godrej Infotech Pvt Ltd, India**

**June, 2016 - July, 2016**

- Worked as a Summer Intern in the Web Development Team.
- Developed an interactive and responsive online journal to summarize the company events for the INFOTECH department using HTML, CSS, Bootstrap, Java Script.

## **ACADEMIC EXPERIENCE:**

**Lexical Analyzer, Syracuse University**

**August, 2018 – December, 2018**

- Developed a lexical analyzer for the purpose of code analysis in .Net Framework using C#. The output of a State-Based Tokenizer was used by a Parser for dependency analysis and determination of strongly connected components. A Server-Client Model having the provision of an asynchronous message passing channel was also developed to showcase the implementation.

**Ease Of Bus Transportation Using Big Data Analytics**

**July, 2016 – March, 2017**

- The irregularity in frequency and non-availability of adequate number of buses in high demand areas are targeted in the project.
- Considering the data collected in discrete time slots and making use of classification algorithms, buses are rerouted from areas of less demand to those with more demand.

**JustHelp**

**January, 2016 – March, 2016**

- Developed a demo website using HTML, CSS, Bootstrap, which will help quicken the pace of the disaster relief activities. Users can report a disaster, as well as volunteer and sponsor for the same.

**Quizzies**

**July, 2015 – December, 2015**

- Development of a demo Android application with categorised questions to enable users to prepare for competitive examinations.

## **ACHIEVEMENTS:**

- Presented a paper on smart wallet in TechXter, a national level technical paper presentation held at SIES Graduate School of Technology
- Secured second place in Eyantra automatic car parking system competition (Robotics Competition) held at SIES Graduate School of Technology.