**Hemanta Kumar Pattnaik**

1310 east Fayette, Apt. 1, Syracuse, NY 13210 | 315-802-1425 | [hkpattna@syr.edu](mailto:email@syr.edu)

**EDUCATION**

**Syracuse University –** College of Engineering & Computer Science, Syracuse, NY May 2021

Master of Science in Computer Engineering

*Courses*: Software Engineering, Social media Data Mining using Python, Advance data Structure and Algorithms, Object Oriented programming in C++, Object Oriented design

**EXPERIENCE**

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| **Technology Analyst, Infosys Limited –** Hyderabad, India | **October** 2015 – **August** 2019(3.5 years) |

* Firstly, I was trained in Python, Database management systems and core Java (persistence level, user interface level using JSF and JSP).
* Worked on many large-scale projects in the field of backend development using Java(spring).
* Followed Agile methodology.
* Provided training and knowledge transfer to new employees on the team to help each get acclimated.
* Also worked on a warehouse management system for Hershey’s using JDA Red Prairie and SAP.

**PROJECT**

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| **Application Development and Support** |  |

* Developed a web application called ‘QuizInfy’ for Infosys using spring boot for backend and Angular 5 for frontend following MVC architecture.
* Added JSP and Servlets to add functionality to web application based on customer requirements.
* Used J2EE design patterns to create applications, and Redesigned Oracle database. Contributed to reduce the pressure of frequent operations of the database.
* Collaborated with test groups, internal team and external developers to perfect the app’s interface and functionality.
* Engaged in small scale UIpath projects also, which was used in automating business processes in Hershey’s.
* Also, I had a chance to build few APIs using node js.

**EXPERTIES**

* Advanced Data Structure (implemented Red Black tree using C++). Can be useful to sort, find, delete, insert in O(logn) time complexity.
* Have very good in-depth knowledge in C++ concepts.
* Knowledge in Object Oriented Design for software development.

**TECHNICAL SKILLS**

**Programing Languages**: Java, JavaScript, Angular 5, JavaScript, Node js, C++

**Databases:** SQL Server, Oracle

**Operating Systems:** Windows 10, Android, iOS