

PRANNOY SINGH

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Currently pursuing Master's Degree in Computer Engineering at Syracuse University. Able to work independently with little to no supervision as well as functioning as an excellent team player. Exceptional record overseeing all facets of Software Development Life Cycle, from analysis and design to implementation and maintenance. My interest lies in the field of Amazon Web Services(AWS), Cloud Computing and Machine learning.

EDUCATION

Syracuse University, NY

December 2018

M.S Computer Engineering (Software Track), GPA: 3.5

- Related Courses: Cloud Computing, Object Oriented Design, Advanced Data Structures, Advanced Computer Architecture, Design Patterns and Software Modelling and Analysis.

Baddi University, Himachal Pradesh, India

July 2015

B.Tech in Computer Science

- Completed the IBM-ICE program with specialization in cloud computing.

TECHNICAL SKILLS

Programming Lang: Java/J2EE, C, C++, C#.

Software Tools: Visual Studio 2017, Eclipse, IntelliJ Sense, Git, Visio, putty, Jasper Reports.

Web Technologies: JSP, HTML, CSS, JavaScript, Bootstrap.

Databases: MS SQL, Mongo DB.

Frameworks: Spring MVC, Hibernate, ASP.NET.

WORK EXPERIENCE

Software Engineer, Capgemini

Oct 2015 – Dec 2016

- Active participation in gathering user requirements, designing, developing and deploying the necessary Java components as per project phase with good knowledge in Software Development Life Cycle(SDLC) and agile methodologies.
- Experience in using various design patterns like singleton, mediator, factory and development of java code in a layered approach. i.e. developed Business Object classes, Service classes, DAO classes and model classes.
- Development and deployment of server side Web Components i.e. JSP, Servlets, Controllers, JavaScript's and CSS files.
- Designed and implemented the UI using JSP, JavaScript, CSS, bootstrap libraries and developed code fixes, enhancements for inclusion in future code releases, actively involved in Testing phase of module.

Intern, Vertex Infotech

June 2014 – Aug 2014

- Requirement gathering, analyzing, database design, coding, testing and maintenance.
- Designed and developed a web application which automated the project management process in the company,
- Participated in implementation of smaller modules into larger ones.
- Prepared comprehensive and detailed technical documents.

PROJECTS

NoSQL Database,

Developed a Key/Value store NoSQL Database System to handle large database such that it can offer higher scalability and flexibility which can also perform basic operations of handling data and complex operations such as query processing.

Ecommerce Website,

Designed and developed an Ecommerce website like Amazon Grocery, FreshDirect where users can shop for groceries and household items. It was designed using HTML, CSS, JavaScript, PHP and SQL.

Remote Code Publisher,

Designed a message passing communication system based on Sockets. It allows user to analyze source code files and its dependencies and enable user to view them in browser as html pages which are generated from the server.

Dependency Based Code Publisher,

Developed a publisher program that provides creation of web pages, which captures the contents of C++ source code. It had the facility to expand or collapse class bodies, methods and global functions using JavaScript and CSS properties.

Type-Based Dependency Analysis,

Analyze the code's (C/C++) syntax from its lexical content. Implemented this tool with C++ to get type definitions (classes, structs, typedefs, and aliases), global function definitions, global data definitions, and file path. The analysis was stored in XML format to a specified file.