

PRANNOY SINGH

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OBJECTIVE

I want to make use of my coding skills to work on interesting and challenging projects to develop quality software. Currently looking for internship opportunities starting January 2018.

EDUCATION

Syracuse University, NY

December 2018

M.S Computer Engineering (Software Track)

- 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

- Advanced knowledge of Java and C++
 - Proficient in JavaScript, HTML, CSS and Perl
 - Java and PHP based web applications
- Extensive Programming Knowledge
Debugging and analysis
Agile / Scum

WORK HISTORY

Software Engineer, Capgemini

Oct 2015 – Dec 2016

- Worked effectively with design teams to ensure software solutions that elevated client side experience.
- Wrote maintainable and extensible code in a team environment.
- Promoted from Junior Engineer to Software Engineer in a year.
- Modified existing software to correct errors, upgrade interfaces and improve performance.

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.
- Prepared comprehensive and detailed technical documents.

PROJECTS

Core Build Server – It provides continuous code integration in a multi-threaded environment. It is implemented using Windows Communication Foundation(WCF) and the GUI is designed in Windows Presentation Foundation(WPF).

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

Code Repository - A program used to manage the code resources such as files and documents and publish them on the web with their dependencies, Sockets were used for message passing.

ACHIVEMENTS

- Applied for Amazon Web Services, Solutions Architect Certification this summer.
- Participated in Student Leadership Program held at ICSSR Complex, Panjab University, Chandigarh.
- Member, Indian Society of Technical Education (ISTE), Baddi University.
- 2nd position in group discussion organized by IST.

RESEARCH INTEREST

Software Development, Security and Machine Learning.