KUMAR BIPLAV

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Education

University of Wisconsin , Madison   Aug'19

Master's in Computer Science

THE NATIONAL INSTITUTE OF ENGINEERING, MYSORE, INDIA
Bachelor of Engineering (B.E.) in Information Science & Engineering
- Graduated with a GPA of 8.46/10, (top 15 % of the class)

Skills
- C/C++, SQL, Data Structures and Algorithms, C#, Python, Perl, PHP, HTML, Linux, Shell Scripting, Operating System Concepts, Object Oriented Programming Concepts
- Git, Svn, Jenkins, Visual Studio, Docker

Work Experience

QUALCOMM, HYDERABAD, INDIA   May '17 – Present
Software Engineer
- Developing framework for android and windows processor, which define end to end workflow for testing, management of the resource used for testing and generate the customizes report as per user requirement
- Contributing for on-boarding different team on our framework and providing support for them
- Implemented a tool which captures the issues trends and generate analysis reports.
- Implemented a tool using C# and Perl which defines the workflow for testing and logs processing
- Implemented a software from scratch which automatically provides solution for reported issue based on data fetched from previous reported issues

NOKIA, BANGALORE, INDIA   July '15 – May '17
Software Engineer
- Implemented a feature for the communication of different types of Digital Signal Processing devices using C++ and shell script.
- Implemented a feature to detect the power state change in Digital Signal Processing Devices and act based on the change.
- Implemented a feature to rollback a software build for the Advanced Telecommunications Computing Architecture (ATCA) devices
- Fixed issues reported by the clients and provided maintenance support
- Developed a Document Review Tool (Training project) using C#, which help multiple user to review a word document and provide inline comments

Academic Projects

Program Dependent Flowchart Generator and Plagiarism Detection – Information Science Department   January '15 – May '15
- Created a tool that generate flowchart of a program. Based on the flowchart comparison of the two programs are done and percentage of plagiarism is calculated
- Developed by using Shell script and PHP, Linux and Ocaml

Leadership Experience and Honors

- Coordinator in the intercollege fest at National Institute of Engineering, Mysore
- Lead the Automated Test Manager Team, a team developing Test framework in Qualcomm
- Honored with Qualstar award twice in for outstanding performance in Software Analytics and Global Automation Project at Qualcomm
- Organized a Coding Contest at College Fest 2015
- Participated in a Cyber Olympiad in 2008 and secured 76th rank in stat