Rohit Kumar
6 years of Experience in C++/STL on Linux
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SUMMARY

Seeking the position of C++ Software Engineer in a prestigious organization where I can confidently share my expertise in C++/STL, Python, Data Structure and Machine Learning.

EDUCATION

Illinois Institute of Technology, Chicago, IL.   Expected Dec – 2023
Master of Computer Science, GPA: 3.66 / 4.0
Coursework: Intro to Machine Learning, Big Data, Data Preparation and Analysis

Netaji Subhash Engineering College, Kolkata , India   Aug 2009 – May 2013
Bachelor of Engineering in Information Technology, GPA: 3.20/4.0
Relevant Courses: C, C++, Data Structure and Algorithms, DBMS, CN , Operating System

SKILLS

Programing Languages: C, **C++, STL**, Python, **Data Structure**, Design Pattern, Multithreading, Embedded.
Development Tools: **Visual Studio**, Eclipse, Putty, Anaconda(Jupyter Notebook, Spider).
Technologies: **Jira**, Confluence, Jenkins, **Git**, Gerrit, **Bit Bucket**, **CI/CD**, Tera Term, MongoDB, SQLite.
Platforms: **Linux**/GNU Tools, Windows/Visual Studio.
Development Methodology: **Agile/Scrum**, Waterfall, Google Test, S3 Browser.

EXPERIENCE

Graduate Teaching Assistant, **ILLINOIS INSTITUTE OF TECHNOLOGY,** Chicago, IL   Aug 2022 – Present
- To grade assignments and projects for "**Intro to Machine Learning**" (CS - 484).
- Help students improve their work by suggesting changes or fixing bugs for 60+ students.
- Debug Python code, fix errors and provide hints to help students solve problems independently.
- Communicate with students, understand their questions, discuss and resolve grade feedback.

Software Developer, **Amadeus LAB (R&D),** Bangalore, India   Mar 2021 – Jan 2022
- Used C++,STL, Data Structures, Python, Jira, Bit Bucket.
- Developed new features along with unit test cases in C++.
- Supported project planning process with design options, work estimates and requirement analysis.
- Suggested improvements and problem resolution techniques for workflow.
- Coordinated with project team staff for project scope and completion of assignments within timelines.
- Managed for code reviews and feedbacks to development teams per sprint.

Software Developer, **Verifone India (R&D),** Bangalore, India   Sep 2018 – Mar 2021
- Utilized C++, STL, Data Structure, Python, Jira, Bit Bucket,HTML.CSS.
- Development and integration of C++ applications according to specifications.
- Refined application codes, design instructions and modules from technical requirements.
- Implemented unit testing using Google Test framework which reduced development cycle by 20%.
- Collaborated with onsite development teams and client business analytics teams for quality delivery.

Software Developer / Lead Engineer, **HCL Technologies (R&D),** Delhi, India   Aug 2015 – Mar 2018
- Utilized C++, STL, Data Structure, Python, Jira, Bit Bucket,HTML.CSS.
- New module implemented for C++/STL applications.
- Optimization and tuning of previous applications.
- Additional responsibility taken, to lead the troubleshooting team while releasing the project to consumers.
- Collaborated with onsite development teams and client business analytics teams for quality delivery.
- Based on the agile development method, actively participated in scrum ceremonies such as retrospectives, sprint planning, and release planning.
- Conducted knowledge transfer session for mentoring new joiners.

ACHIEVEMENTS

- Received "On the Spot Team Award" for code optimization from Amadeus Lab.
- Promoted to Senior Engineer within 6 months of joining HCL Technology.
- Awarded Best Team Member for delivering client-approved projects in advance on Verifone.