

# MONISHA SINGH

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<https://github.com/singhmo153>

## EDUCATION

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### Northeastern University, Boston, MA

College of Computer and Information Science

September 2014 – May 2016

*Master of Science in Computer Science*

Graduation: May 2016

Related Courses: Program Design Paradigm, Algorithms,  
Managing Software Development, Web Development

GPA: 3.792/4

### R.T.M Nagpur University, Nagpur, India

*Bachelor of Engineering in Computer Science*

June 2013

Related Courses: Data Structures & Program Design in C, Design and  
Analysis of Algorithms, Object Oriented Methodologies, Database Management Systems

## TECHNICAL KNOWLEDGE

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|----------------------------------|---|
| <b>Languages:</b>                | Java, C/C++, PL/SQL, HTML, Python, Racket, JavaScript, CSS, Pig Latin |
| <b>Systems:</b>                  | Windows 98/XP/7/8/10, Linux   |
| <b>IDEs:</b>                     | IntelliJ, Eclipse, Visual Studio, NetBeans, PyCharm, DrRacket         |
| <b>Database:</b>                 | SQL, MongoDB, Oracle  |
| <b>Big Data Technologies:</b>    | EC2, S3, Hadoop   |
| <b>Frameworks:</b>               | Spring, Angular   |
| <b>Testing Frameworks:</b>       | TestNG, Junit, Jasmine, Mockito, Selenium                             |
| <b>Web/Application Servers:</b>  | Tomcat, Bobcat, Glass Fish  |
| <b>Configuration Management:</b> | Git   |

## WORK EXPERIENCE

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### Amazon LLC, Seattle, WA

May – August 2015

*Software Development Engineering Intern*

- Developed Shop Past Purchases page in Prime Now application (MVC architecture).
- Used Java Server Page (JSP) technology to easily create web content for the page.
- Collaborated with the prime now ordering team to come up with the most efficient design.
- Conducted demos in front of ordering team, and product management team to improve quality of the feature.

### Amazon LLC, Seattle, WA

June 2016 – December 2017

*Software Development Engineer*

- Performed cart client migration (Prime Now Restriction Compliance Service).
- Implemented client side cache (Guava) to improve response time of notification service.
- Removed Prime Now checkout hard dependency on fresh (Rolling Stone commitment).
- Worked on setting up new merchant capacity service stack for Prime Now launch in a new realm.
- Worked on setting up new merchant capacity management stack for Prime Now launch in a new realm.
- Developed page objects and wrote automation tests for Prime Now browser.
- Fixed minor bugs, fulfilled on call (operation excellence) responsibilities periodically.

## INTERESTS

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Sketching, painting, skating, music, watching movies, badminton, reading interesting facts.