

# Anupama Singh

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## Education

<b>Northeastern University, Seattle, WA</b>	GPA: 3.9/4	Dec 2022
Master of Science in Information system related courses are Object-Oriented Programming, Program Structure and Algorithms, Web Design, Data Management, and Database Design, Web Development, Smartphone-Based web Development and Adv. User Experience, , Network Structures & Cloud computing		
<b>Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal, MP</b>	GPA: 3.3/4	Jun 2010 - Jun 2014
Bachelor of Engineering in Electronics & Communication		

## Technical Skills

**Programming Languages:** C, Java, JavaScript, Swift, Python  
**Web Technologies:** HTML, CSS, React, XML, JSON, Node.js, SPA, RESTful, iOS  
**Database:** MySQL, MongoDB (No-SQL), SQL  
**Tools:** IntelliJ, Git, dBeaver, VSCode, MongoDB compass, PyCharm, XCode, Figma, Postman  
**Cloud Technologies & Frameworks:** AWS, CloudFormation, Packer

## Experience

<b>Northeastern University</b>	
<b>Teaching Assistant</b> Web Development Tools and Methods	May 2022 – Sept 2022
<b>Teaching Assistant</b> Program Structure & Algorithm	Jan 2022 - May 2022
<b>Nokia Solutions and Networks</b>	Oct 2017 - Dec 2019
<b>Software Engineer, Dozo(Objective-C, Swift JSON, iBeacons, Fastlane)</b>	
<ul style="list-style-type: none"><li>Worked on integrating Beacon-Stream SDK which helps to get Promotions using iBeacons technology, and developed a promotion detail page for users to see details and perform action like share, rate &amp; write reviews</li><li>Implemented CI/CD using Fastlane, CI/CD pipeline supports running test on new Pull Request, iOS certificate management, TestFlight and App Store build submission with screenshots, reduced line of codes by 20%</li></ul>	

## Academic Projects

<b>User management (Node.js, REST API &amp; AWS Infrastructure, CI/CD GitHub actions)</b>	Sept 2022 - Dec 2022
<ul style="list-style-type: none"><li>Created CloudFormation Template, RESTful APIs with AWS Infrastructure &amp; deployed serverless functions like AWS Lambda, published user verification emails via SNS by storing verification tokens into DynamoDB</li><li>Implemented continuous integration with GitHub workflow actions along with integration testing to build a refactorable clean, and reliable code base, reducing the number of code lines by 10%</li></ul>	
<b>Stock Portfolio Manager (HTML, CSS, Node.js, Express.js, REST API &amp; JavaScript)</b>	Feb 2022 - May 2022
<ul style="list-style-type: none"><li>Implemented end-to-end design and developed a web-based app to manage stock portfolio where user will login, add, update, delete stocks and logout</li><li>Utilized financialmodelingprep API to get real time data, improved usability of the application by 10%</li></ul>	
<b>Food Delivery Website (React, JSX, Node.js &amp; JavaScript)</b>	Nov 2021 - Dec 2021
<ul style="list-style-type: none"><li>Created a React-based Single-Page Application (SPA) Food Delivery website and facilitated menu &amp; delicacy search among thousands of restaurants in the given location within a millisecond</li><li>Followed full-stack design principles, did unit testing and integration testing to build a refactorable clean, and reliable code base, reducing the number of code lines by 15%</li></ul>	
<b>Hospital Database Management System (Lucid Chart, SQL)</b>	Sept 2021 - Nov 2021
<ul style="list-style-type: none"><li>Ideated, designed (ERD), and Implemented database for a hospital using MySQL (RDMS)</li><li>Database was designed to maintain all the data from medical, financial &amp; administrative services</li></ul>	
<b>Automotive Dealer Java App Development (Java, Object-Oriented design, &amp; Swing)</b>	Jan 2021 - Apr 2021
<ul style="list-style-type: none"><li>Created Automotive Dealer app using Java, swing, and object-oriented programming for customers to find automotive dealers in their region within 50 miles and use forms to submit their interest in cars</li><li>Corroborated with 4 people in user cases and took responsibility for my team to maintain each screen with a faster user experience by modifying the algorithm of methods and UI designs</li></ul>	