# ABHINN ANKIT

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## EDUCATION

**Northeastern University** | Boston, MA                                                                Sep 2017 – Aug 2019
*Master of Science in Information Systems*

<u>Coursework</u>: Application Engineering and Development, Web Design and User Experience Engineering, Web Development Tools and Methods, Program Structure and Algorithms, Advances in Data Science, Engineering Big-Data Systems, Network Structures and Cloud Computing, Big-Data Indexing

**Jain University** | Bangalore, KA, India                                                                Sep 2010 – Aug 2014
*Bachelor of Engineering in Computer Science*

## TECHNICAL SKILLS

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|---|---|
| **Languages:** | Java, C#, Python, TypeScript, JavaScript (ES5, ES6), YAML |
| **Web Technologies:** | HTML5, CSS3, SCSS, Bootstrap, NgBootstrap, Node.js, React, Redux, Axios, Angular Material, RxJS, OAuth |
| **Frameworks:** | Angular, Express.js, .NET Core 2 MVC, Spring Boot, Hadoop, Hibernate |
| **Database Systems:** | MySQL, Oracle, SQL Server, MongoDB, Redis |

## WORK EXPERIENCE

**Amadeus, North America Inc** | Boston MA

*Full-stack software developer co-op*                                                                May 2018 – Dec 2018
- Developed clean and simple interfaces with intuitive interactions and experiences. Collaborated closely with multiple cross-functional teams while reporting directly to product manager
- Pioneered, debugged and documented a web application prototype that displays recommendations to retain user by increasing look-to-book ratio. Coordinated with multiple teams for API integration and code dependencies
- Created a web application to deploy multiple testing environment, remotely execute Linux commands on cloud and display logs in real-time. Improved engineer efficiency by 30% and reduced 40 man-hours weekly
- Decreased the size by 20% of Spring boot application by implementing new workflows and optimizing the code

## ACADEMIC EXPERIENCE

**Northeastern University** | Boston, MA

*Insurance Plan Service* (**Spring Boot, Redis, Elastic Search**)                                        May 2019 – Jul 2019
- Employed elastic search using Spring Boot Rest APIs for insurance plan and stored it in Redis DB as Big Data Indexes

*https://abhinnankit.github.io* (**React, GitHub Pages, TypeScript, Google analytics**)                  Apr 2019 – May 2019
- Designed and developed personal portfolio website using React typescript, HTML, SCSS, and Adobe Photoshop and deployed it on GitHub using GitHub pages and used google analytics to monitor traffic

*Analysis of Amazon Customer Review Dataset* (**Hadoop, Pig, Apache Mahout**)                             Mar 2019 – Apr 2019
- Performed Map Reduce summarization, filtering, joins and secondary sort algorithms on amazon customer review dataset
- Generated product recommendation for users using Apache Mahout library and Apache Pig
- Leveraged AWS' Elastic MapReduce for optimized and parallel execution of Map Reduce operation

*Notes Manager* (**AWS EC2, EBS, S3, SES, Route 53, IAM, RDS, Spring Boot, MySQL, CloudWatch**)          Jan 2019 – Apr 2019
- Developed auto scalable and load balanced SSL certified web application hosted on AWS using IaaS, PaaS & SaaS
- Devised automation solutions leveraging shell scripts to amplify operational efficiency by 40%
- Created microservices using AWS Lambda to generate password reset request and alert via SES email
- Implemented continuous delivery using GitHub, CircleCI and Amazon CodeDeploy

*Style It Right* (**Angular 4, Node, Express, MongoDB**)                                                  Nov 2017 – Dec 2017
- Led, designed and developed an e-commerce web application displaying a range of clothes for men and women
- Constructed RESTful API to authenticated users using JWT, store user's personal information and encrypt confidential data

*Local Store and Service Management System* (**Java, Java Swing**)                                        Nov 2017 – Dec 2017
- Developed swing application using ecosystem model and singleton pattern that displays a list of services