

## ABHINN ANKIT

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### EDUCATION

**Northeastern University** | Boston, MA

Sep 2017 – Aug 2019

*Master of Science in Information Systems*

Coursework: 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

**Jain University** | Bangalore, KA, India

Sep 2010 – Aug 2014

*Bachelor of Engineering in Computer Science*

### TECHNICAL SKILLS

**Languages:** Java, C#, Python, TypeScript, JavaScript (ES5, ES6)

**Web Technologies:** HTML5, CSS3, SCSS, Bootstrap, NgBootstrap, Node.js, React, Redux, Axios, Angular Material, RxJS

**Frameworks:** Swing, Angular, Express.js, .NET Core 2 MVC, Spring Boot, Hadoop, Hibernate

**Database Systems:** MySQL, Oracle, SQL Server, MongoDB

### WORK EXPERIENCE

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

*Software Engineering Co-op, Internal Application*

Oct 2018 – Dec 2018

- Added new components and services and migrated UI code base from Angular 5 to 7
- Revamped code, decreasing the size of Spring boot-based web application by 20% and improving code readability
- Created RESTful API allowing users to execute shell commands on user's remote machines
- Presented disk usage, memory usage, CPU usage, logs, in real time on UI utilizing web sockets
- Applied OAuth2 to use company's single sign-on and deployed the application on internal private cloud

*Software Engineering Co-op, Alternate Recommendations*

May 2018 – Sep 2018

- Pioneered a web application prototype that displays recommendations to retain user by increasing bookings per page visit
- Developed clean and simple interfaces with intuitive interactions and experiences using Angular Material and NgBootstrap
- Generated J2EE REST API by updating swagger spec in YAML and used git for version control
- Employed Express.js middleware as an additional measure of security

### ACADEMIC EXPERIENCE

**Northeastern University** | Boston, MA

*Notes Manager (AWS EC2, EBS, S3, Route 53, IAM, RDS, Spring Boot, MySQL, CloudWatch)*

Jan 2019 – Apr 2019

- Designed and developed auto scalable and load balanced web application hosted on AWS using IaaS, PaaS & SaaS
- Built automated machine images with pre-configured Apache Tomcat services through Packer
- Devised automation solutions leveraging shell scripts to amplify operational efficiency
- Implemented continuous integration and deployment using GitHub, CircleCI and Amazon CodeDeploy

*Hotel Website (ASP.NET Core MVC, MongoDB)*

Feb 2018 – Mar 2018

- Built a web application allowing users to choose and book different types of room
- Integrated user-facing Razor Pages with ASP.NET Core backend and persisted data in MongoDB

*E-Commerce (Angular 4, Node, Express, MongoDB)*

Nov 2017 – Dec 2017

- Formulated an e-commerce web application displaying a range of clothes for women to select from and purchase
- 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 repair services and also, check the availability of products in nearby stores
- Led a team of four to deliver a feature-rich application on time