

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, Big-Data Indexing

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: 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

- 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
- Created J2EE REST API by updating swagger spec in YAML and used git for version control
- Revamped code, decreasing the size of Spring boot web application by 20% and improving code readability
- Applied OAuth2 to use company's single sign-on and utilized web sockets to present real time information on the UI

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)

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

Analysis of Amazon Customer Review Dataset (Hadoop, Pig, Apache Mahout)

Mar 2019 – Apr 2019

- Performed Map Reduced 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
- Created microservices using AWS Lambda to generate password reset request and alert via SES email
- Implemented continuous delivery using GitHub, CircleCI and Amazon CodeDeploy

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 services
- Led a team of four to deliver a feature-rich application on time