

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: 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

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
- Generated J2EE REST API by updating swagger spec in YAML and used git for version control
- Revamped code, decreasing the size of Spring boot-based web application by 20% and improving code readability
- 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
- Employed Express.js middleware as an additional measure of security

ACADEMIC EXPERIENCE

Northeastern University | Boston, MA

<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

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

Jan 2019 – Apr 2019

- 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 delivery 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