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

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

TECHNICAL SKILLS

Languages:	Java, C#, Python, R, Typescript, JavaScript, ES6
Web Technologies:	HTML5, CSS3, SCSS, AJAX, jQuery, NgBootstrap, NodeJS, React, Redux
Frameworks:	Swing, Bootstrap (3,4), Angular (4,5,6,7), ExpressJS, RxJS, Angular Material, ASP.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 and increase look to book ratio
- Delivered 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 ExpressJS 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 and deployed a feature-rich product on time