

NEEL SHAH

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EDUCATION

Northeastern University, Boston, MA

Anticipated Dec 2021

Candidate for a Master of Science, Information Systems

Courses: Web Development Tools and Methods, Program Structures & Algorithms, Application Engineering Development

University of Mumbai, Mumbai, India

May 2019

Bachelor of Engineering, Computer Science

Courses: Object Oriented Programming, Data Warehouse and Mining, Computer Graphics, Software Engineering

TECHNICAL SKILLS

Programming Languages:	Java, SQL, JavaScript, Python, C
Web Technologies:	HTML5, CSS3, Node.js, Express, RESTful API, JSON, XML, Elasticsearch
Frameworks and Tools:	React, Redux, Bootstrap, Sass, GitHub, NPM, Jupyter Notebook, MVC
Databases:	MS SQL Server, MySQL
Operating Systems:	Windows (7,8,10), Mac OS, Linux/Unix

WORK EXPERIENCE

Business Development Intern, Hyperon Technologies, Mumbai, India

Jan 2018 – Feb 2019

- Collaborated in web designing and developing, data entry, client communication and marketing
- Strengthened basics of web development such as HTML, CSS and Bootstrap
- Applied newfound knowledge in developing websites for clients of all levels and projects of various scales including companies and startups or individual portfolios
- Explored Data Management on a professional level, working with MS Excel to manage data about clients, payments and status of projects
- Improved interpersonal skills, both verbal as well as written and Customer Experience & Relationship skills due to constant communication with clients about project related progress
- Gained a total of 12 months experience which will help in future projects including work and research

ACADEMIC PROJECTS

College of Engineering, Northeastern University, Boston, MA

WebTV (JavaScript, ReactJS, NodeJS, Express)

May 2020 – August 2020

- Developed a Single Page Web Application (SPA) to help users find TV Shows along with ratings and descriptions based on React, purely utilizing React Hooks for State Management, no class components
- Architected a secure REST APIs for service calls utilizing NodeJS, Express, uuidv4 and Webpack
- Built this project as a Progressive Web App, meaning it worked as a Multi-Page Application (MPA) if a client's browser does not support JavaScript

Organ Donation App (Java, Java Swing, MySQL)

Jan 2020 – April 2020

- Planned and implemented a Java Application to perform steps in an organ transplant including donation, delivery and surgeon assigning through the app
- Led a team into creating a UI and backend using Java-Swing and Java respectively
- Modelled a MySQL database to store information about doctors, patients, donors, and organs available or requested for a transplant

Bank Database Management System (Tableau, MS SQL)

Jan 2020 – April 2020

- Spearheaded the making of a Database for a Bank deploying Microsoft SQL Server Management Studio to translate the requirements of banking domain into a logical and physical model leveraging Enhanced Entity relationship (EER) Diagrams and SQL respectively
- Architected the Database employing SQL stored-procedures, triggers, views, DDL, indexing for better storage and retrieval of Data and Data Encryption for password protection
- Demonstrated a Tableau report of the project for better visualization and easy understanding of data