

# NEEL SHAH

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## EDUCATION

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### Northeastern University, Boston, MA

Anticipated Dec 2021

*Candidate for a Master of Science, Information Systems*

Courses: Web Development Tools and Methods, Program Structures & Algorithms, User Experience Software Testing

### 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

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

## WORK EXPERIENCE

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### Web Development Intern, Hyperon Technologies, Mumbai, India

Jan 2018 – Feb 2019

- Collaborated in designing and developing websites/portfolios for clients of all scales.
- Strengthened basics of web development such as HTML, CSS, JavaScript and Bootstrap
- Applied newfound knowledge of UX/UI in developing websites 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

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### 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