

# MAYUR BHATIA

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## Education

**Northeastern University, Boston, MA**

Master of Science in Information Systems (GPA: 3.56)

**Sept 2019 - May 2021**

**Mumbai University, Mumbai, India**

Bachelor of Engineering in Information Technology

**Jun 2013 - May 2017**

## Skills

<b>Backend Technologies:</b>	Java, Python, Node.js, Express.js, Spring MVC, Django, RESTful API, JSP/Servlet, Webpack
<b>Frontend Technologies:</b>	React.js, Angular, JavaScript, TypeScript, jQuery, HTML, CSS/SCSS, Bootstrap
<b>Databases &amp; Cloud:</b>	MySQL, MongoDB, PostgreSQL, MariaDB, Amazon RDS, AWS, S3, CloudWatch, CircleCI
<b>Testing Frameworks:</b>	Jest, Mocha, Jasmine, Python unit test, JUnit
<b>IDEs &amp; Version Controls:</b>	Eclipse, NetBeans, Visual Studio, PyCharm, GitHub, Bitbucket, SVN
<b>Other Tools:</b>	Postman, Jenkins, TeamCity, Confluence, Axure RP, Balsamiq, Moqups, Adobe Creative Suite

## Professional Experience

**Teaching Assistant - Northeastern University, MA**

**Jan 2021 - May 2021**

- Mentored and instructed a class of 50 graduate students for User Experience Design/Testing course
- Designed and conducted labs on various wireframing tools such as Balsamiq, Sketch, Moqups & Axure RP

**UI/UX Developer – Addgene, Watertown, MA**

**Jul 2020 - Jan 2021**

- Improved the legacy codebase by creating responsive, cross-browser compatible and reusable Django templates for the public website and internal inventory management system
- Implemented new checkout process with improved user experience that increased the average online orders by 20%
- Generated creative design solutions by facilitating User Interviews & Usability Testing with internal/external stakeholders
- Collaborated with multiple cross-functional teams to deliver high-quality work in a timely manner
- Wrote Python unit tests and Jasmine tests to ensure code quality and enhance test coverage of the application

**Software Engineer – Accenture, Mumbai, India**

**Oct 2017 - May 2019**

- Optimized existing Accenture Life Insurance Platform (ALIP) using JAVA 8 standards to reduce insurance application processing time by 25%
- Assessed project requirements with Business Configuration team using Agile and Scrum principles to design configuration rules and prioritize development activities
- Conducted training sessions on Spring MVC framework and standard coding techniques for new recruits in the team
- Worked closely with Integration team to develop integration with third-party vendors such as AURA to accelerate underwriting process

## Projects

**Connectique – (AWS, Amazon RDS, JAVA, Spring MVC, Hibernate, Maven, REST API, MySQL, Bootstrap)**

- Developed a full-stack social media web app using Java Spring MVC framework & deployed it on AWS Elastic Beanstalk
- Leveraged MySQL for local database and used Amazon RDS to create database instance in the cloud
- Managed user security by providing Basic auth token when making API calls & using BCrypt password hashing scheme
- Build aesthetically pleasant and minimalistic user interface using Bootstrap framework

**Urban Donate - (Balsamiq, Moqups, Axure RP, UX Research)**

- Utilized user research methods such as User Interviews, Persona Building, Card sorting & Usability Testing to create a solution that could encourage people to donate reusable items to the needy section of the society
- Led a team of 5 to design wireframes & functional prototype of a techno-charity platform using Balsamiq and Axure RP

**Arte – (Angular, Node.js, Express.js, REST API, MongoDB, HTML, CSS, TypeScript, AJAX)**

- Developed a browser-based music streaming application using MEAN stack that uses Spotify Web API to let users search tracks, albums & artists; create & view customized playlists
- Retrieved user's data for authentication and authorization by sending a request to the RESTful API endpoint using Node.js

**To-Do List – (React.js, Node.js, Express.js, REST API, MongoDB, JavaScript)**

- Developed a single-page MERN stack web application that allows user to create, update, read, and delete To-Do items
- Tested end points for various HTTP status codes using Postman and wrote test suites using Mocha Testing Framework

**Simon Game – (HTML, CSS, JavaScript)**

- Formulated a web prototype of a Simon device that creates a series of tones and lights and requires a user to repeat the sequence using vanilla JavaScript