

SHUBHANGI SRIVASTAVA

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EDUCATION

Northeastern University, Boston, MA

Expected Graduation - May 2023

Master of Science in Information Systems

GPA: 3.7

Courses: Application Engineering Development, Web Design/User Experience, Concepts of Object-Oriented Design

Savitribai Phule Pune University, India

June 2016 – June 2019

Bachelor of Computer Sciences

Courses: Core JAVA, Advance JAVA, Database Management, Data Structures & Algorithms, OOPS

SKILLS

Technical Skills

Languages: Java, C#, JavaScript, HTML, CSS, SCSS, C++, React JS

Tools: Eclipse IDE, NetBeans, VSCode, IntelliJ IDEA, Oracle, MySQL Workbench

Database: MySQL, PostgreSQL

Visualization: Tableau

Other: Integrated Eligibility Systems, Git, JIRA, MacOS, Linux

Soft Skills

Public Speaker, Creative Thinker, Leader, Social Media Creator([Instagram](#))

WORK EXPERIENCE

Software Development Co-op | Doble Engineering Company

June 2022-Present

- Implemented a code that **extracts plain text from the rich text notes'** fields found in a PSX file. The Base64 encoded data yields either .docx or .rtf formatted text when decoded which is further converted to plain text for user readability
- Introduced a **console application** method which reads the above encoded data and writes the decoded plain text to console
- Coded a program to localize strings in the system using identifiers which enabled language translations and application customization thereby enhancing system stability using **C#** and **.NET** framework

Graduate Teaching Assistant | Northeastern University

March 2022-May 2022

Course name: Application Engineering Development, Professor Khaled Bugarra (Java Application Development)

- Reviewing** and **Grading** assignments by holding code review sessions for 500 students in collaboration with professor
- Scheduling TA hours for resolving student queries and **debug java** coding assignments and projects for code support

Associate Analyst | Deloitte USI | Mumbai

Jan 2020-June 2021

- Worked on **Integrated Eligibility Systems** with Rules and Rule designer evaluating the user's eligibility based on the household details of the user using **Java**, **JavaScript**, **MySQL** and **NextGen** framework
- Designed browser adaptable Vendor Association portal pages by associating a vendor to a client based on user's fuel requirements as a part of LIHEAP (Low Income Heat and Energy Assistance Program) using **JavaScript** and **MySQL**
- Delivered increased user experience visibility by resolving **30+** defects and Change Requests from production including 15+ code breaks and 10+ page performance defects increasing the system **performance by 30%**
- Chosen as lead presenter for discussions with Business Analysts and onsite team for enhanced user-adaptability on portal

ACADEMIC PROJECTS

Healthcare Benefits for the State of Massachusetts | [GitHub](#)

Dec 2021

- Created an application to determine **healthcare benefits** for citizens based on one's **eligibility criteria** such as age, relationship, disability, pregnancy, income using **Java Swing**
- Implemented JDBC connection, Integrated Eligibility System concepts, exception handling
- Stored user records and performed CRUD operations through JDBC using **MySQL**

Online Restaurant Delivery System | [GitHub](#)

Nov 2021

- Developed an online food delivery application with distinct interfaces for customers, restaurant managers and delivery staff
- The application allowed customers to place orders from the desired restaurant and provided order status updates as and when updated by the restaurant manager and delivery staff
- Applied Data storage using **DB4OUtil**, ArrayList, Function Overriding using **Java AWT** and **Swing** enabling **real-time status updates** for the parties involved