Jhalak Gupta

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EDUCATION

Northeastern University, Boston, MA
Candidate for a Master of Science in Information Systems, GPA: 3.68   *Expected Graduation: May 2019*
Relevant Coursework: Application Engineering Development, Data management and Database Design, Web Development Tools and Methods, Web Design and User Experience Engineering

Institute of Engineering and Technology, Lucknow, India
Bachelor of Technology in Computer Science and Engineering (Honors)   *June 2010 - June 2014*
Relevant Coursework: Design and Analysis of Algorithms, Object Oriented Techniques, Web Technology, Software Engineering, Software Project Management

TECHNICAL SKILLS

Programming Languages:	Java, C#, C, Python(familiar)
Web Development:	HTML5, JavaScript, CSS3, Bootstrap 4, PHP,JSP, AJAX, Angular 4(familiar)
Databases:	MySQL, MS SQL Server, Oracle, MongoDB
Framework:	Java Swing, Spring MVC, Hibernate, .NET Framework, Windows presentation foundation
Installer tools:	Install Shield, Windows Installer XML
Testing tools:	Inspect tool, Accessible Event Watcher tool
Others:	SQL Server Management Studio, NetBeans,Visual Studio, Apache Tomcat 9.0, MKS Integrity

WORK EXPERIENCE

Robert Bosch Engineering and Business Solutions Limited, Bengaluru, India   *October 2014 - July 2017*
Software Engineer | *Remote Programming Software*   *June 2015 - July 2017*
- Configured fire panels with several sensors and detectors to detect fire using **C#**
- Created test scripts to perform automation testing to reduce manual testing effort for application.
- Organized knowledge transfer sessions between different technical teams working under same technology to promote convergence within department and reduce redundancy
- Led in agile development of project timelines, implementation design specifications, and documentation
- Constructed automation framework in **.NET** which resulted in manual testing effort-savings for over 70%

Associate Software Engineer | *Effort Tracking System*   *October 2014 -May 2015*
- Devised an application to track effort of employees deployed .NET technology
- Created internal tools using **Windows presentation foundation** (WPF) for translation checking of the application
- Managed production related activities helped Plant in achieving production targets by 80%

ACADEMIC PROJECTS

OLX Application | *Graduate project, Northeastern University, Boston*   *January 2018 - April 2018*
- Developed an ecommerce application- a Maven project using web technologies that include Spring dependency injection, **interceptors**, **filters**, **Gmail API** and **Hibernate framework** along with **MySQL** backend
- Created web pages for posting advertisements, buying and selling the products online with **PDF view generator**
- Created web pages for users registration with captcha validations and viewing their advertisements

Transfarmers | *Graduate project, Northeastern University, Boston*   *November 2017 - December 2017*
- Developed an application using **Java Swing** to provide health, education, loan and cost transparency to the farmers
- Accomplished business solution using Ecosystem model where work request flow across organizations
- Database for object (**db4o**) util was leveraged as a backend to store information about various requests

Paying Guest Management | *Graduate project, Northeastern University, Boston*   *November 2017 - December 2017*
- Designed a data model for managing database for the PG home to handle guest accommodations and details
- Executed various **stored procedures**, **views**, **triggers**, **events** and inner joins for database