

Neha Mahajan

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EDUCATION & SKILLS:

- **MS in Computer Science** from Worcester Polytechnic Institute (**WPI**) with GPA: **3.90/4.00** **May 15 – Feb 17**
- **Skills:** Java, React, Webpack, jQuery, jQuery UI, D3.js, Chart.js, HighCharts.js, Backbone.js, CSS, HTML 5, JavaScript, JSP, JSTL, PL/SQL, Android SDK, ActionScript 3.0/2.0, Spring MVC architecture, mxGraph.js
- **Tools and Software:** Eclipse, Oracle VirtualBox VM, Git, Workbench, MariaDB, MySQL, SQLite, Atlassian Product Suite (Stash, Bamboo, Confluence, JIRA, SourceTree), Postman, Visual Studio Code, Android Studio 2.0, GITHUB, Tortoise SVN, Flash Professional CS3, Adobe Photoshop/XD

WORK EXPERIENCE:

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| Utilidata Inc, Providence RI | Role: Web Application Developer | April 17 – Till Date |
| <ul style="list-style-type: none">• Complete ownership of UI: requirement gathering, architecture, design, development, integration and unit testing.• Redesign and migrate jQuery web pages into React using Webpack and integrate migrated pages with JSP.• Collaborate with Graphics team to create UI wireframes as per requirements, prototyping of UI workflow to be used for design and implementation.• Develop and test UI modules, integrate them with REST API services using Agile (Scrum methodology).• Debug production issues, fix bugs, refactor code and update existing functionalities.• Created various charts like pie chart, bar chart, line chart using Charts.js and D3.js to present data. | | |
| Persistent Systems, Pune, India | Role: Senior Software Engineer | March 13 – June 14 |
| <ul style="list-style-type: none">• Led a team of three to design and code template based reusable UI modules in jQuery.• Designed and developed a site for news feed. Developed a web application using SAP UI 5 used to compare data.• Learned libraries like jQuery, Backbone.js etc., completed POCs to demonstrate possible solutions.• Collaborated with external team to integrate their backend web services to fetch data and use it in the frontend UI. | | |
| Codewalla, Pune, India | Role: Software Development Engineer | July 12 – Mar 13, Dec 09 – Nov 11 |
| <ul style="list-style-type: none">• Developed mobile and web games for multiple clients which were published on Facebook, Mobile App store, BBC etc.• Led a team of two to gather requirements, design and develop a quiz app on Facebook using Agile (scrum).• Analyzed requirements and provided work estimates. Created workflow of UI pages and defined implementation plan.• Allocation of tasks to developers, troubleshooting issues, planning QA cycles, sprint planning and deploying to prod.• Implemented the UI and functionality for a multiplayer trivia game (web application) with MVC architecture. | | |
| The Alchemists Ark, Pune, India | Role: Software Developer | Nov 11 – July 12 |
| <ul style="list-style-type: none">• Developed creative and interactive web-based e-learning courses for end users.• Use the storyboard content from Graphics team to design and develop UI workflow: Information, questionnaire, tests.• Integrated interactive graphics by developing a customized video player. | | |

NOTABLE PROJECTS During MS course at WPI

May 15 – Dec 16

- **Java:** Designed and developed a Chat room application for multi user addressing complexities and various use cases. Developed Java Swing UIs for a Map simulation as UI lead, working in a team of 7 with each person having a different role.
- **Data Visualization:** Developed a web app by designing graphical representation of data to help students compare colleges.
- **Android:** Created a mobile application in Java using Google Activity Recognition API to identify the current activity of a user on android device.
- **Android:** Developed a mobile app to tag parking (or current) location and provide ability to route back. Google Maps API, Directions API and Fused Location API are used to retrieve real-time data. (Java and SQLite).
- Grader in Computer Networks at WPI.

Achievements & Extracurricular activities:

- First Prize in Tresensa GameJam Hackathon.
- Represent company during campus recruitment.