Annu Abraham

nueliza@gmail.com | 860-995-0878 | 15955 Frederick Rd, Apt 2251, Rockville, MD 20855

<https://nueliza.github.io/> | <https://www.linkedin.com/in/annuabraham/>

**EXPERIENCE SUMMARY**

* 5+ years’ overall experience in **software development** with experience in building responsive web applications.
* Experience in API Development and Web Services **(REST / JSON).**
* Experience with Spring Framework **(e.g. Core, MVC, Boot, ORM).**
* Experience with UI development using **ReactJs/Redux, HTML, CSS, Bootstrap**.
* Experience with **object-oriented design, coding, testing patterns** and Solid knowledge of **Java**.
* Strong written and oral **communication skills** to share ideas and concepts with the team.
* **Agile** development methodologies including scrum, Kanban, code reviews, pair programming
* Worked on design, scoping, effort estimation and status reporting for different applications.
* Strong work ethic with ability to work in diverse teams and within scheduled timelines.
* Work Authorization: **Green card - EAD**

**SKILLS**

**Languages & Frameworks:**

**Front End:** ReactJs/Redux, Bootstrap, JavaScript, HTML/HTML5, CSS/CSS3.

**Back End**: Spring Core, Spring MVC, Spring ORM- Hibernate

**Database:** MySQL, MongoDB, Oracle 11g.

**Testing Tools:** Junit, Selenium WebDriver, Jest, Cypress.io.

**Certifications:** Oracle Certified Professional, Java SE 6 Programmer.

**Integrated Development Environment (IDE)**: Visual Studio Code, Eclipse, NetBeans.

**Software & tools:** GitHub, JIRA, Bitbucket, Postman, NPM, Docker, Jenkins, Putty, SOAP UI, Putty, Microsoft Visio, Lucid chart.

**EDUCATION**

**University of Maryland** College Park, MD

Master of Engineering in Software Engineering, GPA: 3.7 Expected May 2020

**University of Kerala** Kerala, India

Bachelor of Technology in Information Technology, First class with distinctionMay 2014

**WORK EXPERIENCE**

***Joint Quantum Institute, University of Maryland, College Park*** College Park, MD

*Graduate Assistant – Software Developer July 2019 – Present*

* Designed reusable **Single Page Application (SPA)** in **ReactJS** by using the concept of virtual DOM.
* Ensured performance, quality, and responsiveness of applications using **CSS Media Queries**.
* Proactively track and resolve bugs, initiated Test-Driven Development by writing tests in Jest with 86% coverage.
* Reviewed the quality of code resulting in code readability increase and performance improvements.
* Involved in requirements gathering, analysis, design, and documentation of the application.

**Environment:** ReactJs, HTML, CSS, JavaScript, Webpack, Jest, Material UI, NPM, Visual Studio Code.

***United Airlines for TATA Consultancy Services*** Chennai, India

*Software Engineer Sep 2016 – Jun 2018*

* Developed new and customization of existing features for the business-critical Single page application utilizing **ReactJs/Redux, Spring MVC, Hibernate**, resulting in consistent deployment of 7 major product updates.
* Maximized the performance of a server rendered Web Application by migrating it to client rendered Web Application.
* Incorporated error statements with Log4j to easily identify and resolve defects thereby reducing debugging time.
* Contributed in **continuous integration and continuous deployment** by making pull requests using GitHub and Jenkins reducing the average deployment time.
* Presented, collaborated and added value to the company and team through participation in **peer code reviews**, providing comments and suggestions.

**Environment:** ReactJs, Redux-Saga, SCSS, Fetch API, JWT tokens, REST APIs, Spring MVC, ORM- Hibernate, Junit, Maven, Git, Jenkins, Docker*,* Oracle

***United Services Automobile Association (USAA) for TATA Consultancy Services*** Chennai, India

*Assistant System Engineer Oct 2014– Aug 2016*

* Designed reusable user interface in **ReactJS** and JavaScript ES6 and managed application state using **Redux**.
* Built scalable **REST APIs using Spring** to maintain user accounts, secured APIs through **authorization**.
* Integrated with third party services and external APIs to standardize and mitigate code duplicity.
* Troubleshoot & fixed bugs resulting in code readability increase and performance improvements.
* Enhanced User satisfaction to 35% by improving usability and accessibility adhering with **Section 508 compliance**.
* Worked in **Agile** methodology by briefing in scrum calls, suggesting story tasks, and approximating efforts.
* Managed code revision using SourceTree and Bitbucket and used JIRA boards to manage sprints.
* Assessing project requirements using Agile & Scrum principles that helped prioritize activities and reduce ad hoc work requests by 35%.

Environment: ReactJs, Redux-Thunk, Bootstrap, CSS, Jest, JWT Tokens, REST APIs, Spring, Oracle, Agile.

**TECHNICAL EXPERIENCE**

**UMD Engineering Software Project** College Park, MD

*Full Stack Developer Jan 2019 – Dec 2019*

* Designed and developed user facing application utilizing **ReactJs/Redux, Spring Boot, Hibernate, and MySQL**.
* Developed file upload utility in **ReactJs** and utilized to **Fetch API** to consume **REST APIs**.
* Participated in daily meetings to communicate work progress and potential roadblocks.
* Designed and modelled the application architecture using design patterns such as factory, singleton and **MVC**.
* Worked collaboratively and professionally with team members to achieve goals.

**Environment**: ReactJs, Redux-Thunk, CSS, JWT Tokens, REST APIs, Spring Boot, Maven, MySQL, Git.