

Annu Abraham

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<https://nueliza.github.io/>

EDUCATION

University of Maryland M.Eng. Software Engineering, GPA: 3.7	College Park, MD Expected May 2020
University of Kerala B.Tech. Information Technology, First class with distinction	Kerala, India May 2014

SKILLS

Languages & Frameworks: React/Redux, JavaScript, HTML5, CSS3, SCSS, Bootstrap, Material-UI, ECMAScript 6, AJAX, JSON

Testing Frameworks: Jest, Mocha, Cypress.io, Selenium Web Driver.

Database: MySQL, MongoDB.

Software & tools: Git, JIRA, Bitbucket, Confluence, Postman, Putty, SOAP UI, Docker, Jenkins, Agile, Visual Studio Code, Microsoft Office Suite, Google Suite.

Others: NPM, front-end testing, unit testing, cross-browser compatibility, responsive web design, CSS media queries.

WORK EXPERIENCE

Joint Quantum Institute, University of Maryland, College Park <i>Graduate Assistant – React Developer</i>	College Park, MD July 2019 – Present
<ul style="list-style-type: none">Created Open Source React-based Web Application for presenting interactive Quantum Physics Experiments aiming to create awareness and interest in Quantum Physics for over 30000 students on UMD campus and more.Proactively track and resolve bugs, initiated Test-Driven Development by writing tests in Jest with 86% coverage.Intensively worked with media queries and bootstrap to make the website responsive.	
TATA Consultancy Services <i>Software Engineer</i> <i>Domain: Retail – Airlines</i>	Chennai, India Sep 2016 – Jun 2018
<ul style="list-style-type: none">Designed reusable user interface components in React and JavaScript ES6, managed application state using Redux.Boosted code coverage to more than 90% by writing unit tests in Jest and Enzyme to save development efforts.Contributed in continuous integration and continuous delivery (CI/CD) by making pull requests using GitHub.Collaborated in Agile methodology by briefing team in scrum calls, suggesting story tasks, and approximating efforts.	
TATA Consultancy Services <i>Assistant System Engineer</i> <i>Domain: Banking and Insurance</i>	Chennai, India Oct 2014– Aug 2016
<ul style="list-style-type: none">Built Single Page Applications (SPA) that integrated with backend via RESTful APIs using Fetch-based frameworks.Standardized application built from scratch with web accessibility by adhering to WAI-ARIA standardsEnsured performance, quality, and responsiveness of applications by conducting end to end testing and Unit testing.Tracked code revision history using Git and used JIRA boards to manage Sprint tasks.	

TECHNICAL EXPERIENCE

UMD Engineering Software Project <i>Full Stack Developer</i>	College Park, MD Jan 2019 – Present
<ul style="list-style-type: none">Authored a responsive web application using React/Redux, Bootstrap, media queries, and Material-UILearned Spring Boot and developed RESTful APIs for seamlessly communication between the client and server.Managed and trained team members in the emerging Web technologies such as React/Redux, Spring Boot, Bootstrap.	

