

Annu Abraham

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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, Java, HTML5, CSS3, SCSS, Bootstrap, Material-UI, ECMAScript 6, AJAX, JSON, Jest, Mocha, Cypress.io, Selenium Web Driver.

Certifications: Oracle Certified Professional, Java SE 6 Programmer

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 <i>July 2019 – Present</i>
<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.	
United Airlines <i>Software Engineer</i>	Chennai, India <i>Sep 2016 – Jun 2018</i>
<ul style="list-style-type: none">Maximized the performance of a server rendered WebApp by migrating to client rendered WebApp using ReactJs.Boosted code coverage to more than 90% by writing unit tests in Jest and Enzyme to save development efforts.Enhanced the User Experience to 35% by observing Responsive Web Design (RWD).Third Party contractor at TATA Consultancy Services.	
United Services Automobile Association (USAA) <i>Assistant System Engineer</i>	Chennai, India <i>Oct 2014– Aug 2016</i>
<ul style="list-style-type: none">Built Single Page Applications (SPA) that facilitate P2P payments – Zelle by consuming REST APIs.Standardized application built from scratch with web accessibility by adhering to Section 508 standards.Ensured performance, quality, and responsiveness of applications by conducting end to end testing and Unit testing.Third Party contractor at TATA Consultancy Services.	

TECHNICAL EXPERIENCE

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