| Preston Nalls  Frontend Developer •  MS in Computer Science Postgraduate at Kennesaw State University | Nashville Metropolitan Area  [**www.pjnalls.com**](https://pjnalls.com/)  [**www.linkedin.com/in/pjnalls**](http://www.linkedin.com/in/pjnalls)  [**www.github.com/pjnalls**](https://github.com/pjnalls) |
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| EXPERIENCESoftware Technology Group (STG), 100% Remote —  *Software Consultant (React, Angular Developer [Contract])*JANUARY 2022 - PRESENT  * Contributed 50% of the UI for new development (~50%), enhancements (~30%), and maintenance (~20%) of a large, enterprise Angular, TypeScript, Sass (SCSS), Angular Material, NgRx, Jest, and Nx web project with close to 170 modular Angular libraries. * Reduced the time complexity of the official Angular Material tree dynamic data implementation by roughly a factor of i — so if the initial load takes 1-3 second, θ((n + m) \* i), then my solution, in theory, should take close to ~100 milliseconds, just Ω(n + m). * Provided 90 - 95% of Angular work for 3 months alone for the client. * Remediated, enhanced, and added new features and DRY (Don’t. Repeat. Yourself.) reusable function components with React, Sass (SCSS), Bootstrap, Figma, JSX/TSX, TypeScript for a frontend web application for one of the company’s central hubs keeping 100% code coverage on new components with Jest and Enzyme.  KDDI America, Inc., 100% Remote — *Application Engineer (JavaScript Developer [3-Month Trial Period])*AUGUST 2021 - OCTOBER 2021  * Provided custom ES6+ JavaScript and CMS solutions to the clients. * Remediated and developed serverless, event-driven Azure Functions in JavaScript. * Leveraged Node.js and Webpack for ensuring the clients UI dependency bundles are efficiently small in size for their custom CMS solutions as much as possible. * Became a designated JavaScript code reviewer for the team to ensure code time and space complexity is relatively simple, or as simple as possible given limitations and constraints — method-by-method.  Addison Group, 100% Remote — *Web Developer (2-Month Contract [Urgent Request])*APRIL 2021 - JUNE 2021  * Hired for an urgent, 2-month contract to build 2 web apps quickly for a major university's IT department. * Used data-driven development, where database entity and relationship design is key, to rewrite 2 ServiceNow web apps with JavaScript, CSS, Bootstrap, a Bootstrap theme I enhanced (based on the university’s design guidelines), strict adherence to WCAG compliance, and Angular Material, Angular, TypeScript (during the proof-of-concept phase). * Successfully provided both responsive desktop and mobile web apps to the university IT department’s clients before the deadline for ServiceNow contract ending.  Insight Global, Franklin, TN → 100% Remote — *Software Developer (Contract)*DECEMBER 2019 - JULY 2020  * Contributed UI components to a large application rewrite using React, TypeScript, CSS, Sass (SCSS), and Redux. * Quickly provide UI deliverables written in React and Redux to management demoing for the whole team and my own deliverables as well. * Provided Engineering Management with UI implementations that adhere strictly to the UX Designer and Architect’s intended design and functionality to the pixel. * Passed official 3-day MongoDB training which allowed me to sit in NoSQL database designs and discussions and contribute.  Atos Syntel, Nashville, TN (Contract) — Consultant (Application Developer [Contact])NOVEMBER 2018 - OCTOBER 2019  * Lead the integration of Jest CLI / SonarQube and code-coverage reporting workflows via Azure Pipelines — integrating it to existing web apps within Azure. * Maintained 2 web apps (using JavaScript and other technologies) that provide (1) follow-up care for patients after they are discharged from a facility used by 150+ healthcare facilities and (2) an admin tool. * Enhanced front-end and UI/UX of the follow-up and admin-tool apps via HTML, CSS, Bootstrap, JavaScript, Knockout.js, Ember.js, CoffeeScript, Handlebars.js, jQuery, Ajax, and GIMP.  Schneider Electric, Franklin, TN — *Application Developer*JUNE 2018 - NOVEMBER 2018  * Lead the support track of a large, enterprise quoting system in the cloud. * Developed UI components with JavaScript, HTML, and CSS within a cloud CMS. * Collaborated with UX and UI Designers to ensure that a comment system looks and feels like they and Leads for it envisioned.  HCA, Nashville, TN — *C#* *Developer, (Internship)*DECEMBER 2017 - MAY 2018  * Lead remediation efforts for HTML, CSS, JavaScript, and C# code for a medical-appointment scheduler which had over 700+ bugs and potential bugs flagged by SonarQube of which I remediated about 90%. * Met with the development team regularly to ensure remediation efforts did not conflict with their new features, enhancements, and maintenance ensure as much mitigation to introducing new bugs as possible.  Optum, Franklin, TN — *Technology Development Program (TDP), Software Engineer (Internship)*MAY 2017 - AUGUST 2017  * Enhanced an enterprise, resource management tool for our Director, Engineering Managers and leadership team with HTML, CSS, Bootstrap, Kendo UI, JavaScript, .NET, C#, Microsoft SQL, and Microsoft SQL Server. * Paired programmed with another developer playing both the driver and co-pilot role during development and debugging sessions.  ZeroChaos, 100% Remote — Ads Quality Rater (Bilingual QA)MAY 2015 - OCTOBER 2017  * Ensured that ads which are targeted towards users in the U.S., U.K., India, Australia, and Japan are as precise as possible based on the user’s Google search queries. * Ensured to report certain content which may negatively affect the user and customer experiences while searching on Google.  PROJECTS[www.pjnalls.com](http://www.pjnalls.com) — *Personal Portfolio and Blog Website* [www.github.com/pjnalls](http://www.github.com/pjnalls) — *GitHub Profile and Projects*EDUCATIONKennesaw State University, Kennesaw, GA — *M.S. in Computer Science (Thesis Model)*SUMMER 2023 - TBD Starting the MS in CS program as an incoming postgraduate in May of 2023. Middle Tennessee State University (MTSU), Murfreesboro, TN — *B.S. in Computer Science (ABET Accreditation)*AUGUST 2015 - MAY 2018  * Gained a 3.6/4.0 Computer Science GPA. * Volunteered as Promotion Director and Web Tech for the ACM Chapter.  Middle Tennessee State University (MTSU), Murfreesboro, TN — *B.S. in Animation, Interactive Technology, Video Graphics, and Special*AUGUST 2007 - DECEMBER 2012  * Minored in Studio Art and Japanese, rigorously studying sinographs. * Became proficient in Photoshop, drawing, and 2D design. | SKILLS**PROGRAMMING LANGUAGES**  * HTML, CSS, SCSS, Sass, ES6+ JavaScript, TypeScript  **SOFTWARE-ENGINEERING METHODS** Data Structures and Algorithms, Algorithm Analysis, SOLID Software Design, Object-Oriented Programming, Functional Programming, Test-Driven Development **FRONTEND FRAMEWORKS / LIBRARIES**  * React Native, React, Angular, Angular Material, Material UI (MUI), Angular CLI, Nx, NgRx, Redux, RxJS, Jest, Enzyme  **UI / UX DESIGN TOOLS** Photoshop, Paint 3D, Figma **BACKEND / CLOUD / PRODUCTIVITY**  * Node.js, Express, Mongoose, MongoDB, MERN, Azure, Docker, Advanced Git, Advanced Markdown / MDX, Jira, Bitbucket, GitHub, GitHub Pages, GitHub Actions  LANGUAGES  * English (Native) * Japanese (Academic) * Latin (Etymological) * Greek (Etymological) * Mandarin (Functionally Literate) * Spanish (Elementary) * Hindi (Novice) * Korean (Novice) * French (Novice)  AWARDS **Rewarded N2 Certificate [of] Japanese-Language Proficiency** by the Japan Foundation; Japan Educational Exchanges and Services in 2013  **Awarded Summer Scholarship for 2011 Tohoku Earthquake and Tsunami, 10-Day Relief Volunteer Program** by MTSU and Fukushima University, visiting abroad in Northeastern Japan in 2012  **Awarded Tennessee HOPE Scholarship** **for maintaining a overall GPA ≥ 3.0** while earning my first Bachelor of Science in Animation, Interactive Technology, Video Graphics, and Special at MTSU between 2007 - 2011  **Awarded Placement in Asian Studies Exchange Program** by MTSU and Kansai Gaidai University, studying abroad in Osaka, Japan in 2008 |