

Duane Jerome Davis

<https://duanejdavis.com> | 404.731.5502 | duane.j.davis@gmail.com

Experience

Neptune Technologies

Remote

Sr. Front-End Engineer

May 2025 – Present

- Architect and Develop sophisticated UI components and features using React and React Native for web and mobile applications
- Ensure cross-platform compatibility and implement performance optimizations to improve application load times
- Build and maintain scalable, reusable component libraries and design systems
- Implement responsive designs with pixel-perfect accuracy across all device types and screen sizes
- Achieve full accessibility compliance (WCAG standards) for diverse user abilities
- Collaborate closely with UX/UI designers to translate mockups and wireframes into functional interfaces
- Optimize applications for maximum speed and scalability using code splitting, lazy loading, and efficient state management
- Contribute to frontend architecture decisions and technical strategy development
- Mentor junior developers and conduct thorough code reviews to maintain high quality standards
- Stay current with emerging frontend technologies and implement new tools to enhance development efficiency

Remote

Brunswick Corporation

Sr. Front-End Engineer

Feb 2024 – Aug 2024

- Developed new user-facing features using ReactJS and React Native
- Built reusable code and libraries for future use
- Ensured the technical feasibility of UI/UX designs
- Optimized applications for maximum speed and scalability
- Validated all user input before submitting to the back-end
- Collaborated with team members and stakeholders
- Worked closely with product teams to define application requirements
- Understood design elements and visually customized components to fit the application
- Implemented data fetching strategies for efficient API consumption
- Designed and built complex layouts for web and mobile applications
- Wrote unit tests to ensure application stability and reliability
- Experienced with CI/CD, Agile, and automated deployment best practices
- Actively engaged with the development community through code reviews, documentation, skills development, and more

Ascension**Remote***Lead Software Engineer*

Jul 2022 – Feb 2024

- Develop high quality cloud-native web applications using Javascript/Typescript in React
- ReactJS, HTML/CSS in AWS cloud environment
- Break down complex requirements into independent coding tasks and strategies
- Integrated REST and GraphQL APIs for efficient data fetching
- Developed scalable and reusable layouts to enhance UI/UX experience
- Wrote unit tests using Jest and React Testing Library
- Work with other teams (i.e. Product, PM, etc.) to ensure delivered code meets specifications based on functional/technical specifications
- Participate in Agile routines and ceremonies; daily standups, sprint planning, sprint demos/retrospectives
- Building and deploying CI/CD AWS code pipeline to deploy microservices in AWS

DarkLight**Remote***Lead Software Engineer*

March 2021 – June 2022

- Worked with development teams, product management, Subject Matter Experts (SME) to create software solutions
- Built front-end of applications using HTML, JavaScript, CSS, React, GraphQL
- Facilitated the development and delivery of technical communications within assigned knowledge management system
- Integrated API calls for dynamic data fetching and real-time updates
- Developed responsive layouts for enhanced cross-platform performance
- Wrote unit tests to validate business logic and UI components
- Collaborated with Subject Matter Experts (SME) to setup steady standards for internal and external use, according to given knowledge management system - Consulted subject matter experts to attain maximum knowledge on respective topic

Digital Crafts**Remote***Instructor*

December 2019 – September 2020

- Leading a classroom of up to 24 aspiring developers
- Developing and enhancing curriculum assets for classroom lectures, lab work, homework assignments, and student projects
- Instructed students on the most important areas of expertise for Front End Developers data fetching, layout, and testing

ADP**Atlanta, Ga***Application Developer*

October 2016 – January 2020

- Developed new user-facing features for enterprise desktop application, mobile, and table.
- Selected to be a part of a React/Redux Team to develop and support an internal framework
- Built and leveraged reusable code libraries
- Optimized application for maximum speed and scalability
- Collaborated with team members and stakeholders in Development, Product and UX - Implemented code according to best practices
- Work with HTML, CSS, JavaScript, Node, React/Redux on a daily basis
- Handled API integrations for efficient data fetching and state management
- Designed modular and scalable layouts for enterprise applications
- Wrote unit tests using Jest

Southern Company SCS**Atlanta, Ga***Web Developer*

December 2015 – October 2016

- Worked on a team using Angular 1.5 to develop Georgia Power's new customer facing bill payment site
- Implemented existing UX & design deliverables such as prototypes, wireframes, and style guides into functioning code.
- Worked directly with back-end developers to ensure that the user interface is integrated as intended.
- Tested all completed views in a variety of browsers and devices.
- Trouble shot and resolved any user interface defects between browsers. - Used AngularJS, JavaScript, HTML/CSS, Bootstrap, Kendo UI to develop a single page application which Southern Company CSR's uses to trouble shoot customers billing and service issues.
- Integrated dynamic data fetching using RESTful services
- Created responsive layouts to enhance user accessibility
- Wrote unit tests to ensure frontend stability

The Home Depot**Atlanta, Ga***Software Engineer II*

April 2014 – December 2015

- Awarded for being able to quickly come up to speed and deliver deliverables within the first week of employment
- Contributed to improving site performance which resulted The Home Depot moving up to and maintaining the number one spot on Keynote (<https://www.keynote.com/performance-indexes/mobile-retail-us>)
- Maintain a Home Depot Git Repo
- Worked with Node.js, Grunt, Gulp, NPM, Vanilla JavaScript, jQuery, Html/CSS to build and maintain modules in an Agile environment
- Worked with Karma and Jasmine to create unit test
- Worked SASS and understand the purpose of CSS Preprocessors
- Gained a better understanding of how to debug mobile devices
- Implemented API calls for fetching dynamic data in e-commerce applications
- Created scalable, responsive layouts for product listings and checkout pages

Southern Company SCS

Web Developer

Atlanta, Ga

June 2011 – April 2014

- Created technical specs for Teamsite Components.
- Developed Teamsite Mass Migration Scripts written in Perl.
- Developed Teamsite Components utilizing JavaScript, XSTL, XML, HTML/HTML5/CSS/CSS3.
- Resolved compatibility issues with Internet Explorer.
- Provided consultation for Georgia Power's Corp Com. Developers/Design on various projects.
- Developed Web Apps for mobile devices such as the iPad.
- Developed Award Winning Web-Based Training Application (Highest Award, Gold Award, "Best Custom Content" in category for 2012 Brandon Hall Group "Excellence in Learning").
- Developed Interactive Prototypes and Proof of Concepts for various clients.

Technical Skills

- **Frontend Development:** React.js, React Native, Next.js, Angular, TypeScript, HTML5, CSS3, Sass/Less, Tailwind CSS, Bootstrap, shadcn/ui, Redux, Zustand, React Query, Vite, WebPack
- **Backend Technologies:** Node.js, Express.js, GraphQL, REST APIs, tRPC, Prisma, Supabase, Firebase
- **Testing Frameworks:** Jest, React Testing Library, Vitest, Playwright, Cypress, Jasmine
- **DevOps & Cloud:** AWS (EC2, Lambda, S3, CloudFront), Vercel, Netlify, CI/CD pipelines, Docker, Kubernetes, Git, GitHub Actions
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis, Supabase
- **Project Methodologies:** Agile, Scrum, Code Reviews, GitOps, Trunk-Based Development
- **Other Tools:** VS Code, NPM, Yarn, pnpm, Webpack, Turbopack, ESLint, Prettier, Postman, Google Analytics, Tag Manager

Proficiencies

- Strong understanding of OOP and Software Engineering principles
- Expertise in UI/UX collaboration and responsive design practices
- Project Management: Familiar with Agile frameworks, sprint planning, and cross-team collaboration
- Experience with Version Control Systems: Git, SVN
- Knowledgeable in Adobe Creative Suite (Photoshop, Illustrator, After Effects)

Certifications & Learning Platforms

- Participation in online learning communities and active contributor to open-source projects
- Familiar with Email Marketing tools (WordPress, Omnigraffle) and Knowledge Management Systems

Education

Computer Science Coursework

Clark Atlanta University, Atlanta, Ga.

Georgia State University, Atlanta, Ga

References available upon request.