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| **Adam Sutton**  **Senior Software Engineer**  +1 (773) 546-9399 Staten Island, NY  [adamsuttonse@gmail.com](mailto:adamsuttonse@gmail.com)  www.linkedin.com/in/adam-sutton-886b59250 |
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| **Professional Summary**   * 10 years of experience as a senior software engineer in using HTML, HTML5, CSS, CSS3, SASS, JavaScript, TypeScript, ES6, React, Vue, Angular, Node, Express, and AWS. * 10 years of IT experience involved in various stages of the Software Development Life Cycle from requirements gathering, design, enhancement, testing, modelling, analysis, and production as a software engineer. * Well-versed with JavaScript / React / Vue / Node / Express / MySQL / MongoDB. * Rich experience with HTML, CSS, and JavaScript. * Extensive knowledge in developing single-page applications (SPAs). * Experience in React for creating interactive UIs using One-way data flow, Virtual DOM, and JSX. * Expertise in designing and developing REST APIs. * Experience with GraphQL, worked with Apollo GraphQL in Node.js. * Experience with implementing CI/CD, and docker and familiar with GitHub environments to manage repositories and workflows. * Experience in Unit Testing frameworks like Jest, Mocha, Chai, and Jasmine Integration Testing. * Experience in integration of AWS with other applications infrastructure. * Good experience in CSS pre-processors like Sass, LESS, and Stylus. * Knowledge of utilizing cloud technologies including AWS. * Expertise in RESTful, SOAP web services to integrate between Application-to-Application Experience with front-end development with back-end system integration. * Hands-on experience improving performance issues and SEO issues using creative strategies. * Experience in Version Control tools like GIT, and SVN for Source Code version management. * Rich experience with Agile and SCRUM. * Strong analytical skills, teamwork skills, problem-solving skills, and excellent communication skills, interpersonal skills. | |

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| **Skills**   * **Front End Development**   Semantic HTML5 | CSS3 | media queries | animations | Photoshop | SEO   * **React**   JSX | Hooks | Material UI | React Context | Styled Component | Redux | Next.js   * **Vue/VueX/Nuxt.js** * **Angular/ngrx** * **SCSS/Sass/Less/Stylus** * **JavaScript, ES6+, TypeScript, React Native** * **UI/UX** * **npm & yarn** * **Unit & Integration Testing**   Jest, Enzyme, Cypress, React Testing Library, Mocha, Jira, Jasmine, Chai   * **Debugging** * **CSS Frameworks/Libraries**   Bootstrap 4, MUI, Tailwind, Ant   * **Responsive Design** * **SQL, Oracle, PostgreSQL, MongoDB** * **CI/CD** * **GraphQL** * **Video Streaming / Image processing** * **HLS / RTMP** | * **Docker and Kubernet** * **Node.js, Express.js** * **AWS, Azure, Micro Services** * **RESTful APIs** * **Sketch** * **Figma** * **Software Development and Architecture** * **Performance Optimization** * **Knowledge of SEO** * **Troubleshooting and Quality Control** * **Source and Version Control: Git, GitHub, Bitbucket, SVN** * **Agile Processes** * **Scrum methodology** * **Cross-Functional Collaboration** * **Front-End and Back-End development** * **Flask** * **Socket.io** * **Strong Analytical skills** * **Good Communication and Interpersonal skills** * **Creative thinking skills** * **Decision-making skills** * **Problem-solving skills** |

**Professional Experience**

**Senior Software Engineer**, ArcTouch, San Francisco, CA Nov 2020 – May 2023 (Remote)

* Developed the UI pages using React, HTML5, CSS3, JavaScript, and Bootstrap
* Improved application performance and speed with React trending technologies such as React hooks, HOCs, Redux
* Developed single page application leveraging TypeScript in React
* Spearhead end-to-end web development using React to build front-end architecture, and user interface, using an iterative Scrum-based approach
* Engineered a scalable RTMP ingestion system for live product demonstrations, leading to improved real-time interaction between vendors and customers on our e-commerce platform
* Implemented HLS (HTTP Live Streaming) for delivering video content to end-users, ensuring smooth streaming performance across various network conditions
* Optimized the video processing pipeline for a real-time screen sharing feature, enhancing the quality and efficiency of live demonstrations in our customer support system
* Enhanced video streaming quality by implementing adaptive bitrate streaming, improving user experience during live product demonstrations
* Managed and maintained the video streaming infrastructure for an e-commerce platform, ensuring high availability and performance for RTMP ingestion and HLS delivery
* Developed a live product demonstration feature for an e-commerce platform using RTMP and HLS, improving customer engagement and boosting sales
* Led the creation of a real-time video customer support system using WebRTC for an e-commerce site, enhancing customer service and increasing customer retention
* Optimized video streaming quality on our e-commerce platform by implementing adaptive bitrate streaming, ensuring a seamless viewing experience for users
* Introduced a real-time screen sharing feature using WebRTC in our customer support system, allowing detailed product demonstrations and improving customer satisfaction
* Maintained states in the stores and dispatched the actions using Redux, Redux-Saga
* Integrated Redux and Context API for state management
* Developed high traffic, responsive web applications utilizing JavaScript, HTML5, CSS3, AJAX, React, Redux, React Hooks
* Developed and maintained a large-scale e-commerce web application using React and Redux for state management
* Created reusable components and implemented them in different pages of the application
* Used React hooks and worked with state management using Redux
* Utilized React Router to handle client-side routing and improve the overall navigation of the application
* Worked with React Router for client-side routing and Axios for making API calls for Rest APIs
* Had experience in working with CSS pre-processors such as SASS and LESS to style the component
* Worked with Git for version control and had experience in working in a team environment following Agile development methodologies
* Wrote unit tests for the React components using Jest and Enzyme
* Worked with using Axios, Fetch to make API calls, and GraphQL
* Optimized the application's performance by using Lazy loading and Virtualization
* Developed Single Page Application (SPA) based on React and Bootstrap frameworks
* Developed numerous marketing programs (logos, brochures, newsletters, and advertisements) and guaranteed that they exceeded the expectations of our clients with Figma and Photoshop
* Collaborated with team members including web designers, QA testers, and developers
* Built and deployed a RESTful API using Node.js, Express, and MongoDB to power the backend of the e-commerce application mentioned above
* Utilized Node.js streams to improve performance when handling large amounts of data
* Implemented user authentication and authorization using JSON Web Tokens (JWT) and bcrypt
* Worked with a team of developers to implement features such as product search and reviews using Node.js and MongoDB
* Created the platform from the ground up through NodeJS, and PostgreSQL in a client-server architecture
* Integrated RESTful APIs written in Express for getting data sets stored in MongoDB
* Architected and built web applications that were both performant and maintainable using NodeJS, Express, MongoDB, and REST API
* Hands-on experience with Cognito, amplify, EC2, ECS, ELB, S3, RDS, SNS, SES, Lambda, Storage Gateway, Dynamo DB and Auto scaling in AWS
* Deployed and managed multiple web applications using AWS Elastic Beanstalk and EC2 instances
* Utilized AWS S3 to store and manage user-generated content such as images and videos
* Implemented serverless functions using AWS Lambda to handle background tasks such as image processing and email sending
* Utilized AWS DynamoDB to store and retrieve data in a scalable and efficient manner
* Monitored and troubleshot applications using AWS CloudWatch and X-Ray
* Build Kubernetes on AWS with Route53 from scratch

**Full Stack Engineer**, Paylocity, Chicago, IL Nov 2018 – Oct 2020

* Developed front-end UI using HTML5, CSS3, JavaScript, jQuery, jQuery plugins, Bootstrap JSON, React
* Used React hooks such as useState, useEffect, useSelector, and useDispatch
* Built reusable components and had a strong understanding of component lifecycle
* Implemented the application's UI using component-based architecture in React
* Managed the application's state using Redux and integrating it with the React components
* Worked with a team of developers to implement features such as product filtering, sorting, and pagination using React hooks
* Collaborated with the design team to ensure the application's UI was responsive and accessible
* Had opportunity to work on a project where we migrated an existing Angular application to React
* Implemented responsive design using CSS Grid and Flexbox to ensure optimal user experience on all device sizes
* Worked in agile sprints building new features and enhancing existing areas of our tools using Next, React.js, MySQL, AWS, and Web3
* Worked on an internal app for obtaining the survey ID using React/TypeScript & REST API
* Managed state globally with React hooks/Redux/Redux toolkit/Context API
* Worked closely with the Product team to deliver quality features in high-quality code and best practices
* Implemented form validation features, creating custom Angular services to query data from back-end API
* Implemented workflows of authentication and authorization using AWS Cognito
* Collaborated with web designers, Backend developers, and UX designers to build, design, test and improve web products.
* Improved data fetching by leveraging GraphQL capabilities to narrow a set of queried fields
* Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments
* Contributed to the development of technical project documentation and user documentation

**Back End Engineer**, Red Ventures, Chicago, IL Mar 2016– Oct 2018

* Implemented real-time communication and data streaming capabilities in a Node.js-based chat application using WebSockets and Socket.io
* Worked with NPM commands and using package.json for managing dependencies and dev dependencies of Node JS applications
* Worked with a team to develop and launch a Node.js-based e-commerce platform, utilizing technologies such as Stripe for payment processing and SendGrid for email notifications
* Integrated RESTful APIs written in Express for getting data sets stored in MongoDB
* Architected and built web applications that were both performant and maintainable using NodeJS, Express, MongoDB, and REST API
* Developed responsive client-side applications to integrate with server-side using JavaScript, jQuery, AngularJS, NodeJS, Vue.js, and Bootstrap
* Developed a tour booking website in Angular and NodeJS
* Designed and edited templates for Angular framework
* Programmed user interfaces and front-facing functionality based on design mockups
* Developed and maintained critical components of the e-commerce website, including the shopping cart, quick view, and checkout page, using React components
* Contributed unit & integration tests to existing projects to ensure the functionality of the application operates as expected
* Designed, developed, and maintained websites utilizing HTML, CSS, and JavaScript libraries and frameworks such as React and Next.js
* Used React-Router to turn an application into Single Page Application
* Created reusable UI components with React/TypeScript and SCSS
* Refactored existing codebases to improve efficiency
* Developed interactive features of social media web application and contributed creative ideas to the improvement of the platform, most of which were accepted and applied
* Reviewed and improved old UI to help establish a consistent design system that strengthened brand identity
* Used Middleware, Redux-Saga in application to retrieve data from Back-End
* Spearheaded the creation of an open-source, reusable UI component library in conjunction with the design team to accelerate the development of React applications
* Collaborated with the Agile product team on the redesign of the customer-facing website to include new front-end technology and modern JavaScript functionality, increasing the UX task success rate by 28%

**Front End Engineer**, Block, Chicago, IL Jul 2013 – Feb 2016

* Fixed a bug that reduced user complaints on the library website by 36%
* Demonstrated expertise in creating architecture blueprints and detailed documentation
* Built a feature that improved click-through rate of website by 22%
* Facilitated in development of User Interface using HTML/HTML5, CSS/SCSS, JavaScript and jQuery, AJAX, JSON, PHP
* Used React-Router to turn application into Single Page Application
* Responsible for React UI and architecture
* Building components library, including Tree, Slide-View, and Table Grid
* Experience in RESTful web services to integrate between Server side to Client Side
* Served as a friendly, hardworking, and punctual employee

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| **Education** | Bachelor of Science in Computer Science at The University of Chicago  Jun 2009 – Jun 2013 |
| **Language** | English: Native |