

# Adam Sutton

## Senior Software Engineer

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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, Java, 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 / Angular / Node / Java / Express / MySQL / MongoDB.
- Rich experience with HTML, CSS, and JavaScript.
- Proficient in Java Programming, including J2EE, and Spring.
- Strong understanding of object-oriented programming principles and Java design patterns.
- Skilled in developing and maintaining enterprise-level Java applications.
- Knowledgeable in Java web application development using frameworks like Spring MVC and Struts.
- 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.

### 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**
- **Java / Spring Boot**
- **SCSS/Sass/Less/Stylus**

### 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
  - 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

- **JavaScript, ES6+, C/C++, TypeScript, React Native, Python, PHP, Java**
- **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**
- **Docker and Kubernetes**
- **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**

- 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
- Reduced the time to market of the e-commerce platform by 2 weeks by adopting an agile development process and using Angular's reusable components
- Developed and maintained a web application using Java, Spring Framework, and Hibernate
- Designed and implemented RESTful APIs using Java and Spring Boot
- Worked on a project that involved integrating Java with databases and third-party APIs
- Developed an e-commerce platform using Java, JSP, and Servlets
- Optimized SQL queries, created indexes, and implemented performance tuning techniques on Oracle DB, resulting in significant improvements in query execution time and overall system performance
- Improved the performance of a Java application by optimizing database queries and implementing multithreading
- 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
- 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 troubleshoot 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, Angular
- Developed and maintained a customer relationship management (CRM) system using Oracle DB, allowing seamless management of customer data, tracking interactions, and improving customer service efficiency
- 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
- Developed and maintained a Java-based data analytics platform using Apache Spark and Hadoop
- Designed and optimized a large-scale data warehouse on Oracle DB to consolidate and analyze vast amounts of business data, enabling data-driven decision-making and improving operational efficiency
- Designed and implemented RESTful APIs using Spring Boot
- Developed of a new Java based e-commerce platform, resulting in increased sales and revenue

- **Creative thinking skills**
- **Decision-making skills**
- **Problem-solving skills**
- 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

- Improved Java-based application performance by implementing caching mechanisms and optimizing SQL queries
- Worked on a team responsible for developing and maintaining a Java-based order management system
- Built a real-time chat application with Angular and Socket.IO as part of a group project
- Contributed to the development of an Angular library on Github that adds custom animations to Angular Material components
- Improved user engagement on the dashboard application by 40% by implementing real-time data visualizations and personalized user interfaces.
- 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%

- 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

## Education

Bachelor of Science at The University of Chicago  
Jun 2009 – Jun 2013

## Language

English: Native