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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**  A skilled and experienced Senior Software Engineer with over a decade of extensive hands-on experience in Software  Development. After completing my Bachelor of Science in Computer Science, I have successfully managed and co-developed  excellent applications.  I am a team player, and excellent communicator. I have great interpersonal skills with a remarkable ability to work  Independently pressure. | |

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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** * **SCSS/Sass/Less/Stylus** * **JavaScript, ES6+, TypeScript** * **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, MySQL** * **CI/CD** * **GraphQL** * **Java / Spring Boot** * **Wordpress / Joomla / Magento** * **PHP / Laravel / CakePHP** | * **MacOS, Linux, Windows** * **Docker / Kubernetes / Terraform** * **Node.js, Express.js** * **AWS, Azure, Micro Services, GCP** * **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 – Apr 2023 (Remote)

* 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
* Migrated Vue2.0 to Vue3.0 using composition APIs and TypeScript
* Developed UI components for a Content Management System using Vue.js and TailwindCSS
* Used Vuex as global state management library to share states between the components and avoid props drilling
* Replaced correct Vue directives for the correct situation
* Structure scalable codebase using React/Vue, manage states using Vuex/Redux/ContextAPI
* Wrote unit tests for the React components using Jest and Enzyme
* Worked with using Axios, Fetch to make API calls, and GraphQL
* 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
* Designed and implemented a microservices architecture using Cloud Functions and App Engine, which handled 1 million daily active users and achieved 99.99% uptime
* 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
* 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
* 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
* Built Kubernetes on AWS with Route53 from scratch

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

* Worked in agile sprints building new features and enhancing existing areas of our tools using Next, React.js, MySQL, AWS, and Web3
* Developed and maintained website content using WordPress CMS, including creating custom themes and plugins, and managing website backups and updates
* 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
* Created custom PHP modules to improve website functionality and user experience
* 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
* Developed and maintained a Java-based data analytics platform using Apache Spark and Hadoop
* 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
* Created a PHP-based e-commerce platform that increased online sales by 30%
* Developed and maintained PHP-based web applications using Laravel framework
* Developed of a new Java based e-commerce platform, resulting in increased sales and revenue
* 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, NodeJS, Vue.js, and Bootstrap
* 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

**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, CSS, 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

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